

HOME OWNERS' CATALOGS



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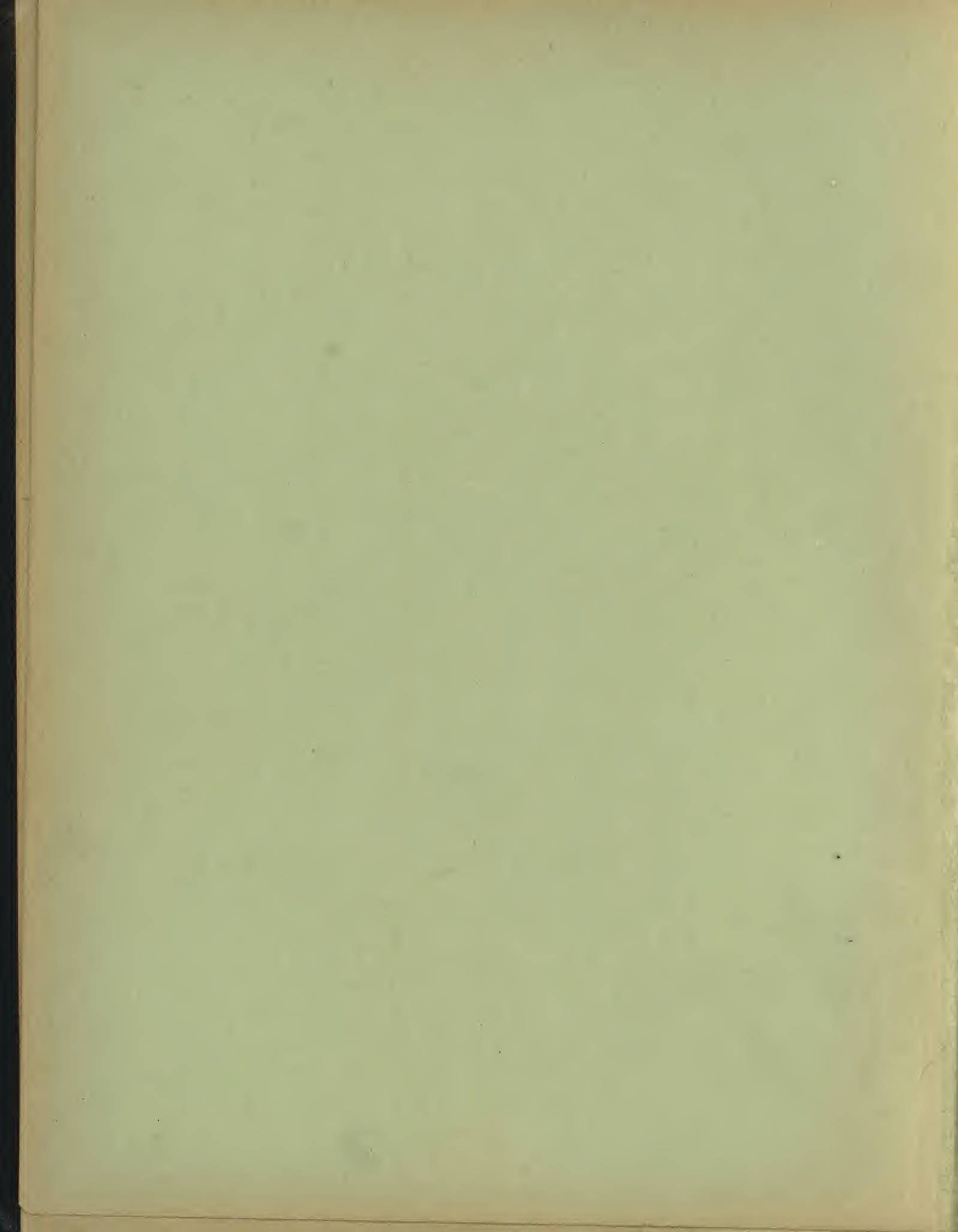
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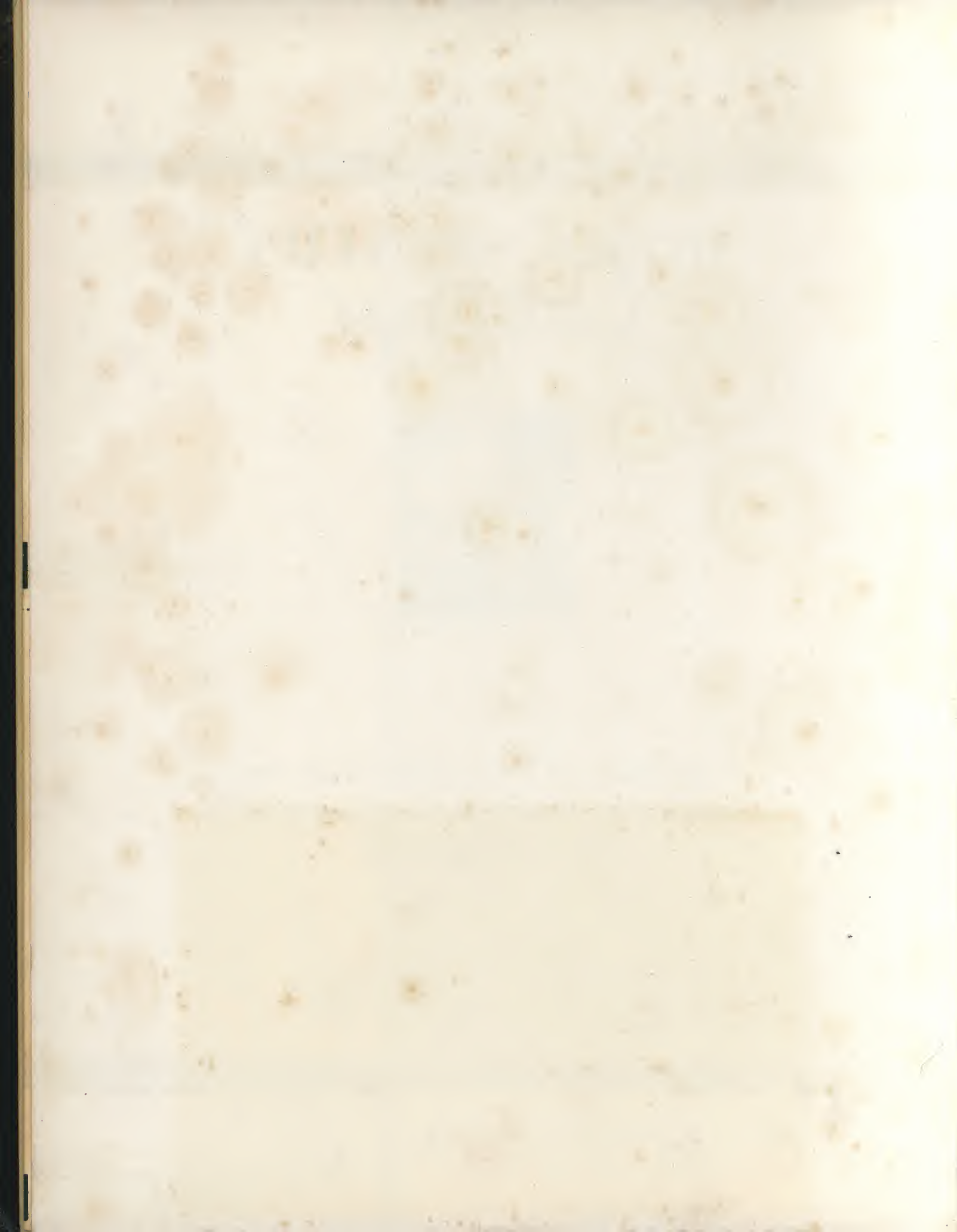
HOME OWNERS' *Catalogs*



'HOME, SWEET HOME'

A GUIDE TO THE SELECTION OF
BUILDING MATERIALS EQUIPMENT
AND FURNISHINGS

Published by
F.W. DODGE CORPORATION
119 West 40TH STREET, NEW YORK





F O R E W O R D

- Home Owners' Catalogs is sent to you in the belief that it will help you derive greater satisfaction from your new home. You will find it of real assistance as a reference work and a valuable aid in the selection of building materials, equipment and furnishings.

- Building a home is more than a romantic experience. Intensely practical aspects are involved, and the satisfaction you derive over the years will depend largely upon the success with which you meet the practical phases of house construction. Of these no others are so important as Design and Plan. Design and Plan must be adjusted to your Desires, your Needs, and your Budget. The architecturally trained man is better able to handle this phase of the home building operation than anyone else.

- Nevertheless, no one is as interested in

your house as you are; you are going to pay for it; you are going to live in it. Once a material or an equipment goes in, it is there to stay. Once money is invested in furnishings, they are not to be discarded lightly. In taking care of this practical aspect of home building, nothing is more important than information.

- Home Owners' Catalogs is a mine of current, reliable information. In it you will find descriptions of products that will increase the comfort and convenience of your home, enhance its appearance, make it less costly to maintain, and add to its value as an investment. You will find products that are new to you, and desirable suggestions that may not have occurred to you. You will probably add Home Owners' Catalogs to your library and consult it from time to time, as you redecorate or add to your home.

A group of leading firms has sent this copy of Home Owners' Catalogs to you with their compliments through the F. W. Dodge Corporation. They would like to know that you have received it and are making use of it. An expression of your opinion of Home Owners' Catalogs on the post card below will be greatly appreciated and will help to increase the value of future editions to other home owners.



HISTORY OF OUR

ARCHITECT

BUILDER

HOUSE STARTED

HOUSE COMPLETED

HOUSE OCCUPIED

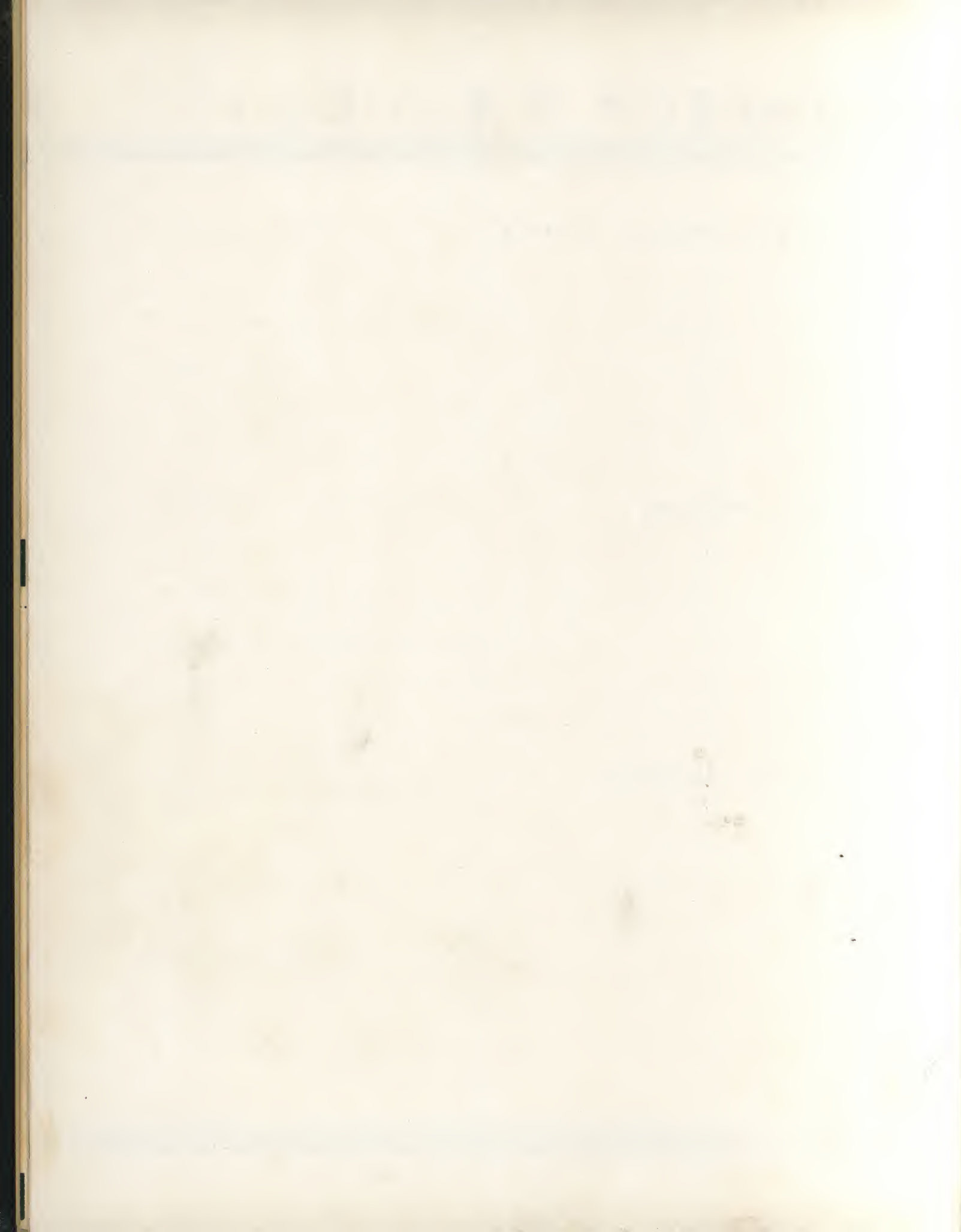
REMARKS

HOME ♦ ♦ ♦

STRUCTURAL WORK

EQUIPMENT

FURNISHINGS



INDEX OF FIRMS

WHOSE CATALOGS ARE IN THIS VOLUME

NOTE: All catalogs in this volume are arranged alphabetically according to firm name. In some instances the firm name does not appear on the front cover of the catalog. In such cases the names will invariably be found on the rear cover or inside pages.

Bryant Heater Co.

Libbey-Owens-Ford Glass Co.

Burnham Boiler Corp.

Lightolier Co.

Carey, Philip, Co.

Masonite Corp.

Crane Co.

Rolscreen Company

Detroit Steel Products Co.

Stanley Works, The

Fitzgibbons Boiler Co.

Streamline Pipe & Fittings Co.

Florida Louisiana Red Cypress Co.

Wayne Iron Works

Fox Furnace Co.

Webster, Warren, & Co.

Gar Wood Industries, Inc.

Johns-Manville Corp.

Western Pine Association



INDEX OF PRODUCTS

NOTE: To use this index it should be borne in mind that all catalogs in this volume are ARRANGED ALPHABETICALLY BY FIRM NAME. Therefore, to locate information on a given product as listed in this index, it is necessary only to note the name or the names of the firms given under the product in question, and then turn to the catalogs of those firms as they appear in alphabetical sequence.* The noun method has been used as the basis for compilation of this index. In short, look for Screens, not Window Screens; for Heaters, Water, not Water Heaters; Shingles, not Wood Shingles. At the same time, for your convenience, we have followed common usage in indexing some products, such as Air Conditioning Apparatus, where the noun covers a wide variety of products.

Air Conditioning Apparatus

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Fitzgibbons Boiler Co.
Fox Furnace Co.
Gar Wood Industries, Inc.

Arbors

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Wayne Iron Works

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Miami Cabinet Division
Crane Co.

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Blinds

Venetian
Rolscreen Company

Boards

Asbestos
Johns-Manville Corp.

Decorative
Johns-Manville Corp.
Masonite Corp.

Insulating Fibre
Johns-Manville Corp.
Masonite Corp.

Tiled
Johns-Manville Corp.
Masonite Corp.

Wood
Florida Louisiana Red Cypress Co.
Western Pine Association

Boilers

Heating—Coal Fired
Burnham Boiler Corp.
Crane Co.
Fitzgibbons Boiler Co.

Heating—Coke Fired
Crane Co.

Heating—Gas Fired
Bryant Heater Co.
Burnham Boiler Corp.
Crane Co.

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Crane Co.
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Gar Wood Industries, Inc.

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Miami Cabinet Division
Crane Co.

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Roofing
Johns-Manville Corp.

Chain Link Fences

Wayne Iron Works

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Closets

Water
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Florida Louisiana Red Cypress Co.

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Cornices

Wood
Florida Louisiana Red Cypress Co.

Coverings

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Johns-Manville Corp.
Masonite Corp.

Wall Glass
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Vitrolite Division

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INDEX OF PRODUCTS

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Dampproofing

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Doors**French**

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Stanley Works, The

Garage—Operators For

Stanley Works, The

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Webster, Warren, & Co.

Tennis Court

Wayne Iron Works

Expansion Joints**Concrete**

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Faucets**Lavatory, Mixing, Sink**

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Felt**Deadening, Roofing**

Carey, Philip, Co.

Johns-Manville Corp.

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Wayne Iron Works

Wood

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Fixtures**Lighting**

Lightolier Co.

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Florida Louisiana Red Cypress Co.

Flue Dampers

Bryant Heater Co.

Frames**Door and Window—Glass**

Libbey-Owens-Ford Glass Co.

Pittsburgh Plate Glass Co.

Door and Window—Wood

Florida Louisiana Red Cypress Co.

Screen Window—Wood

Florida Louisiana Red Cypress Co.

Framing**House**

Western Pine Association

Furnaces**Warm Air**

Gar Wood Industries, Inc.

Furniture**Lawn**

Florida Louisiana Red Cypress Co.

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Garbage Receivers

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Garden Furniture

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Wood

Florida Louisiana Red Cypress Co.

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Colored, Decorative, Double Glazing, Greenhouse, Mirrors, Obscuring and Diffusing, Plate, Safety, Structural, Window, Wire

Libbey-Owens-Ford Glass Co.

Grilles**Radiator**

Webster, Warren, & Co.

Guards**Tree—Metal**

Wayne Iron Works

Window—Woven Wire

Wayne Iron Works

Hardware

Clothesline, Garage Door, Hinges (Butts), Kitchen Cabinet, Screen Door, Shutter, Storm Sash, Wardrobe, Wrought Iron

Stanley Works, The

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Unit

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Burnham Boiler Corp.

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Burnham Boiler Corp.

Crane Co.

Water—Oil Fired

Burnham Boiler Corp.

Gar Wood Industries, Inc.

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Fittings For

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Webster, Warren, & Co.

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Western Pine Association

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Western Pine Association

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Gar Wood Industries, Inc.

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Stanley Works, The

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Streamline Pipe & Fittings Co.

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Western Pine Association

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Johns-Manville Corp.

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Crane Co.

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Wayne Iron Works

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Johns-Manville Corp.

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Western Pine Association

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Johns-Manville Corp.

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Carey, Philip, Co.

Johns-Manville Corp.

Cork Insulated

Carey, Philip, Co.

Wood

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Crane Co.

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Carey, Philip, Co.

Asbestos Cement Shingles

Carey, Philip, Co.

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Johns-Manville Corp.

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Johns-Manville Corp.

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PHOTOGRAPHIC HISTORY

♦ ♦ OF OUR HOME ♦ ♦



COMFORT *is in the* AIR

● BRYANT GAS HEATING
& AIR CONDITIONING

● A RECORD FOUNDED ON SERVICE



Since the dawn of the present century, The Bryant Heater Company has been engaged in the exclusive production of gas-operated heating equipment. A pioneer in the field, the organization today enjoys a reputation founded on the solid ground of the unqualified satisfaction of the home owner . . .

Bryant heating has won its way into thousands of modern homes (many of which are still using the first Bryant Boilers ever built) because of long life, automatic and effortless operation, and faithful performance.

In the newer field of air conditioning, Bryant has also moved to the front, and here has forged a name for ability to create balanced and wholesome climate within the home during the winter and summer months with a minimum expense and a maximum effectiveness and ease. Recognition has not been due to chance. In this line of endeavor, as in heating, leadership has been established only by improved methods, expert designing, and increased operating efficiency . . .

DEVELOPMENT OF A NATURAL ADVANTAGE

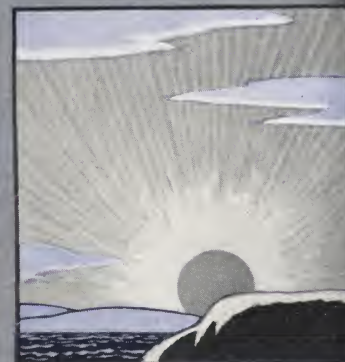
But . . . in every effort to develop heating and air conditioning equipment the manufacturer is helped or hindered by the type of fuel his equipment is designed to use. The Bryant Heater Company is in debt to GAS as a fuel . . . In building equipment designed for gas, it has an initial advantage. Gas is naturally the ideal fuel for heating and air conditioning. It is clean and odorless. It burns without waste or stain or ash . . . it is automatic in its supply, requires no home storage, and is adaptable to automatic control. Embodied in perfected equipment, gas becomes utterly carefree and effortless, demands neither thought nor attention in providing uniform comfort conditions in every room of the home at every hour of day and night, day after day, year after year . . .

Bryant heating and air conditioning equipment has been designed to make gas just such a complete guardian of comfort. It has developed the advantages not only of gas the Fuel . . . but of *Gas the Complete Service for Comfort.*

THE BRYANT HEATER COMPANY



Quiet



Automatic



Clean



Carefree



PROVIDING FOR TODAY WITH A THOUGHT FOR TOMORROW

The wise builder plans his home with thought to the future, and with an eye to the actual fact of living in it after it is built. Wishing to make his home his permanent pride, the abode of a lifetime, the center of peace, relaxation, and repose, he takes the steps necessary to attain his ends. He includes those comforts and conveniences, that, coming into vogue today, will be universally demanded in the home of tomorrow. In short, he builds his home so that it will be as modern ten years *after* as it is the day the last coat of paint is laid on the woodwork.

This practice of intelligent building, of course, cannot be haphazard. It requires study, exact knowledge, careful discrimination. It imposes the obligation to learn the trend . . . to come to know the newer developments in home workmanship, the latest improvements in materials and labor-saving equipment, the up-to-date angles of comfort in kitchen, attic, and recreation basement. All this demands time and effort. But the time and effort intelligently spent before building is repaid over and over again in the thousand enjoyments experienced in the modern home planned to meet every wish and actual requirement.

This booklet has been prepared with a view to simplifying and explaining one major phase of the problem facing the prospective builder . . . It is an aspect of the home of such vital importance that to neglect it is unthinkable, while to treat it lightly or carelessly will prove a continual expense and a permanent extravagance. This booklet aims to assist the home builder to understand the modern art of automatic control over temperatures summer and winter, and to help him to form an insight into perhaps the most important trend in home construction today . . . *air conditioning*.

Air Conditioning



● The aim of modern year 'round air conditioning is to promote comfort and health by a system of air treatment that will provide a balanced and wholesome climate in the home in every season of the year.

EXCESSIVE HUMIDITY MEANS SUMMER DISCOMFORT

The procedure in air conditioning differs with the seasons. In summer, the primary need is to reduce excessive humidity which, in preventing the body from cooling itself through the natural process of evaporation, causes more discomfort than the heat. Cooling, while inseparable from summer air conditioning, is, contrary to general belief, subordinate to the main function of dehumidifying (reducing the humidity).



DRYNESS...THE CAUSE OF WINTER COLDS

The humidity is also a problem in winter air conditioning. In this case, however, the problem is directly the reverse of that which holds in the summer. Artificial methods of heating unavoidably reduce moisture content, and result in a super-dried home atmosphere, which, besides being destructive to the furnishings of the home, constitutes a direct menace to health. To the desert-dry conditions current in the home during the winter months, physicians trace two-thirds of winter colds and bronchial ailments!



THE SIX ASPECTS OF YEAR 'ROUND SPRING

In complete year 'round air conditioning there are four master functions . . . heating and humidifying for winter . . . dehumidifying and cooling for summer operation . . . In addition every complete air system will include equipment to clean and to circulate the air . . . to remove impurities from the air and so prevent the harmful action of dust particles on nasal passages, lungs,

... WHAT IT IS

and skin . . . to maintain air in proper motion and thus end stratification, air pockets, and odors.

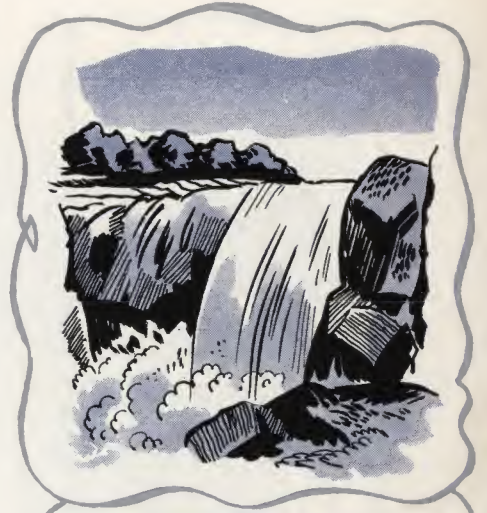
Winter and summer air conditioning represent natural divisions of this year 'round performance, and are enjoyed either as part of the full system or as separate and independent processes performing efficiently in themselves . . . When employed as separate units either winter or summer conditioning equipment can be expanded whenever it is desirable . . . into a complete system . . . *provided that the equipment is sufficiently flexible . . .*

FOR THE WINTER...SUMMER...OR YEAR 'ROUND SYSTEM

Bryant offers a complete line of air conditioning equipment designed with an eye to the long-range requirements of the home owner. With Bryant equipment, it is practicable to make almost any combination of heating and air conditioning that is required . . . from the simple and inexpensive method of adding health-giving humidification by installation of the Bryant Humidifier, to a complete heating and winter air conditioning system built around the operation of a Bryant Boiler, in conjunction with a Bryant Dualator.

Then, there is the Bryant Winter Air Conditioner, which combines every requirement of complete winter air conditioning in a single, compact, integrated unit. Either the Winter Air Conditioner or the Dualator-Boiler Combination automatically becomes part of a year 'round conditioning system with the installation of the Bryant Silica Gel Summer Air Conditioning Equipment.

Thus we are prepared to provide you with winter or summer or year 'round conditioning, or to offer you Bryant heating equipment on which it is possible to expand over a period of years to whatever extent you may desire.





● In the modern art of weather-control, winter air conditioning has a place as firmly established and as undeniably necessary in the scheme of modern living as its popular summer counterpart . . . For by blending the air with the proper amount of moisture, heating it, cleaning it, and maintaining it in gentle motion, winter air conditioning answers the real need for a balanced and wholesome atmosphere within the home during the shut-in months of the fall, winter, and early spring. During the severest time of the year, it provides the home with a safeguard to health, a boon to contentment, and an aid to cleanliness. A home owner could not well make a wiser investment . . .

THE REASON WHY

In the past the emphasis has been on heating as the sole method of cold-weather air treatment. It is now known, however, that every form of heating has a tendency to dry the air.

As the air grows dry, it drains moisture from every available source . . . rugs, wood, and wallpaper, as well as the delicate membranes of nose and throat. The effect of this drying action on the furnishings of the home is seen in peeled woodwork, scaled paintings, cracked pianos, shrunken cupboard doors. Physically, this dryness affects you with chapped lips and skin, recurrent colds and other bronchial illnesses. By putting an end to these and other undesirable conditions, winter air conditioning makes for more complete, rounded, and vigorous living during the winter months.

The Bryant Winter Air Conditioner, Dualator, and Humidifier differ as to completeness of equipment, but each meets the fundamental requirement of humidity-control by an exact, automatic, and dependable method.

The Bryant complete systems . . . Winter Air Conditioner, Dualator-Gas Boiler . . . provide the entire home with the final touch in winter climate control . . . humidification joined with carefree heating, cleaning and ventilating equipment . . .

Air Conditioning

THE WINTER AIR CONDITIONER



BRYANT WINTER AIR CONDITIONER INSTALLED IN AN ALCOVE OF A MODERN LIVING BASEMENT

● An integrated unit, heating, humidifying, cleaning, and circulating the air of the entire home along lines dictated by painstaking investigations into the climate requirements of the home, the Bryant Winter Air Conditioner achieves maximum efficiency in fuel consumption together with perfectly automatic performance.

Each of these four winter-conditioning

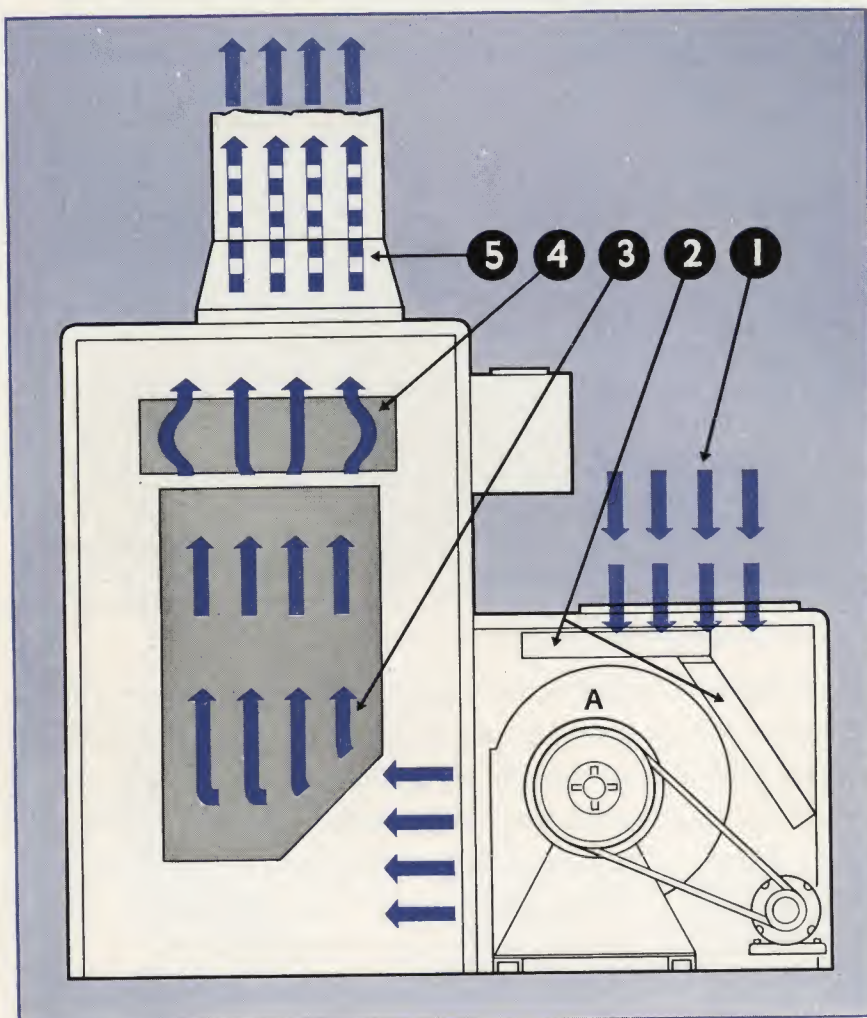
functions is rigorously coordinated with every other, so that the mechanical phase of efficient operation is always balanced with the living comfort phase . . . so that a climate free of deadness and stagnation, odors, and levels of uneven heating . . . a climate vital, alive, and refreshing . . . is created and sustained in the home throughout fall, winter, and spring . . .

HOW THE BRYANT *Conditioner*

In Every Room...

HEATED, HUMIDIFIED, CLEANED

AND CIRCULATED AIR



1 Air is drawn into the Bryant winter conditioner, through return distribution ducts by the reverse action of the air circulator—A.

2 It is cleaned and purified by filters composed of thousands of tiny interlacing fibers.

3 The air circulator then draws the air around it forcing air out over the heating sections where it is scrubbed back and forth until every inch of heating surface has been utilized.

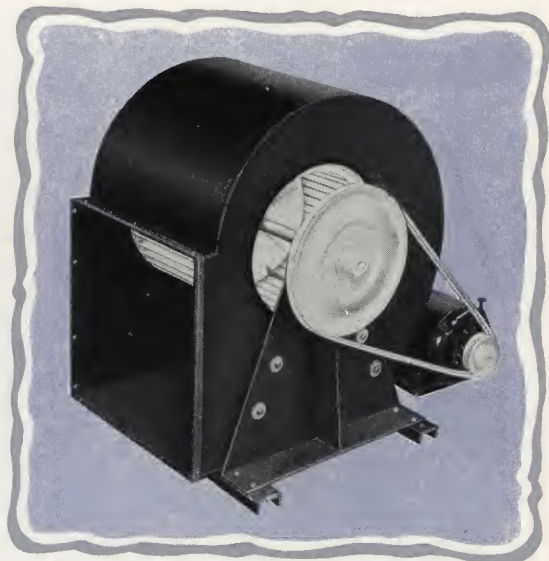
4 Next the air is passed over or through humidifiers where adequate moisture is absorbed.

5 Finally air passes through various distribution ducts into the different rooms of the house where it slowly blends into the atmosphere creating delightful and stimulating Bryant comfort-climate.

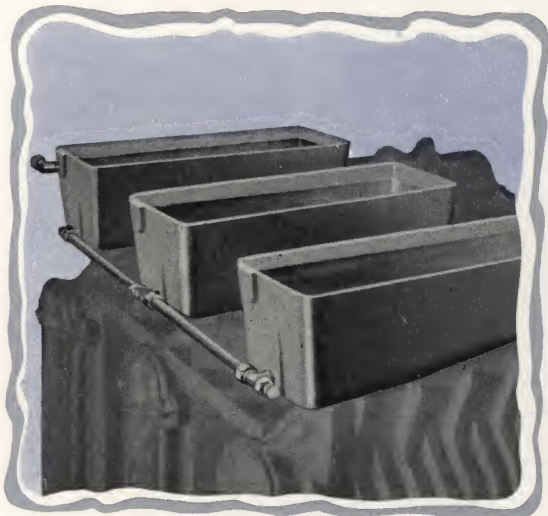
Prepares Air



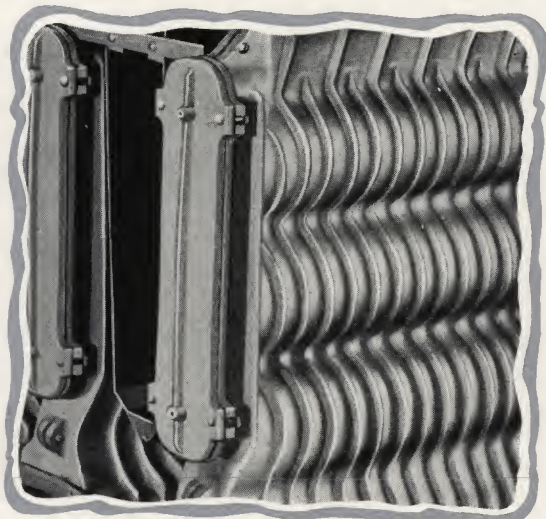
• Air filters of low air resistance and high filtering capacity remove the dust and dirt that seep into the home from the outdoors. These filters plus the natural cleanliness of Bryant gas heating help preserve a spotless home interior.



• Motor and air circulator are compact and quiet; capable of delivering large quantities of treated air into the home and maintaining constant, wholesome, and refreshing air motion.



• Humidification—either pan or spray type humidifiers—provide abundant moisture automatically; and maintain the relative humidity that suits your individual comfort preference.



• Bryant heating sections are of cast iron. Note staggered arrangement which provides directional travel for hot gases and whips from them their maximum heating value.

BRYANT

Summer

LET HOME COMFORT BE YOUR SUMMER TONIC



Modern summer air conditioning is perhaps the most interesting and significant development in home construction in the last twenty-five years. More than any single convenience, with the possible exception of the electric light, it guarantees release from discomfort, new possibilities for activity, increased energies, freshened and broadened outlook . . .

For modern summer air conditioning brings freedom from disagreeable and ugly effects of summer climate, an end to sleepless nights, and the heavy, sticky, sweltering heat of days without number. It makes the home, at last, a fortress of freedom, and living more worth while.

THE BRYANT METHOD IS NEW...ADVANCED...ADAPTABLE

The Bryant Air Conditioning System has introduced an altogether new and different approach to the problem of summer air conditioning. Involving no necessity to cool in

order to dehumidify, it is built on a principle allowing separate, independent, constant, and positive control over temperature and humidity to insure every phase of summer comfort.

MOISTURE REMOVAL

Moisture removal is accomplished by a simple and effective adsorption process, using Silica Gel . . . a hard, porous, manufactured substance. Silica Gel has an enormous attrac-

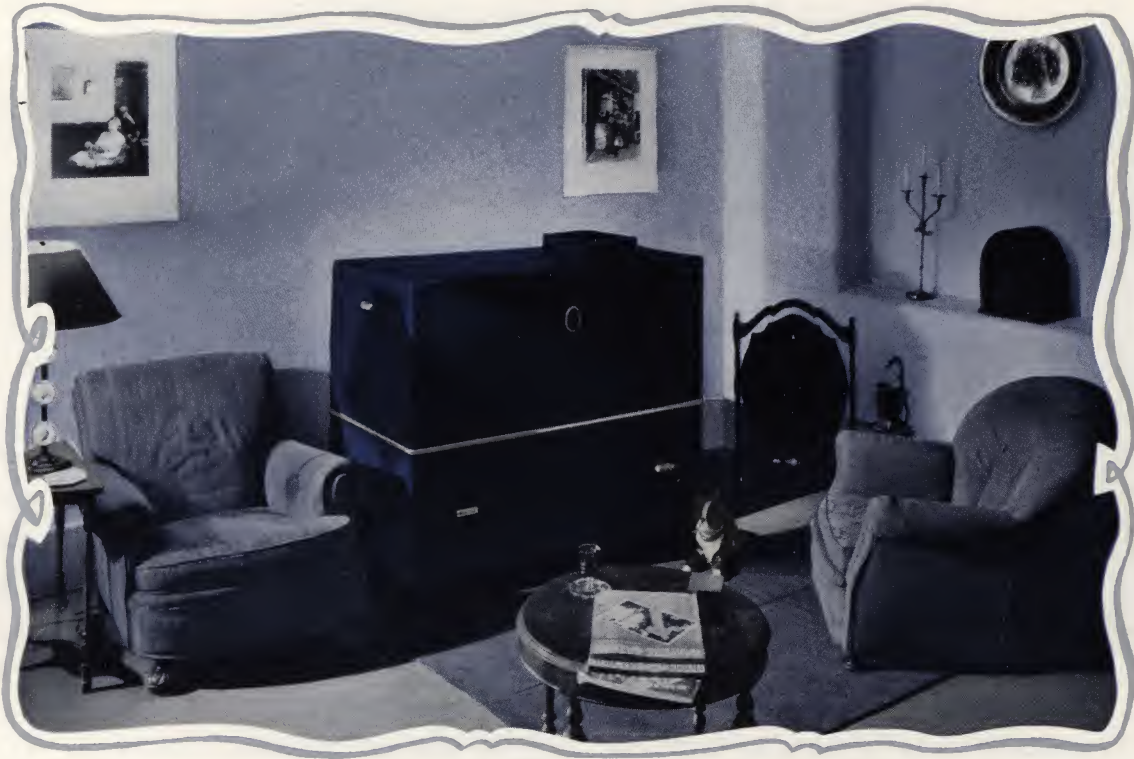
tion for moisture and adsorbs it from the air much as a sponge will soak up water. Easily reactivated by heat, it can be used indefinitely. Actually, Silica Gel will never wear out.

CONTINUOUS DEHUMIDIFICATION

Placed in suitable compartments in the Bryant unit, through which air is driven continuously, Silica Gel adsorbs moisture

and is reactivated at regular intervals under an arrangement which provides for uninterrupted dehumidification.

Air Conditioning



THE BRYANT DEHUMIDIFIER . . . READY FOR INSTALLATION IN A BRYANT RECREATION BASEMENT

ECONOMICAL COOLING

● The flexibility of the equipment resulting from its dual control over temperature and humidity makes it practicable to specify the most economical and effective means of cooling that climatic environment will allow. It adds the additional benefit of definite, uni-

form, and exact regulation over the weather under any and all conditions.

These advantages translate themselves to the home owner in terms of low first-cost, low operating-costs, comfortable and healthful environment.

YOU ARE YOUR OWN WEATHER GOD

With a Bryant Summer Air Conditioning System in your home you will be able to enjoy the fullest benefits of healthfully-tempered summer weather . . . peace, relaxation, and responsive spirits . . . because you

will have a system of air conditioning that controls weather under a self-controlling principle instantly responsive to variations in temperature and humidity and always regulating them exactly as you desire.

BRYANT

... Gas

CONSIDER YOUR COMFORT



THE BRYANT MODEL 255 GAS BOILER

Winter air conditioning has developed around the need for the adequate treatment of heated air in the home during the winter months.

Heating, however, is and will always be the basic need in cold-weather air treatment. It is indispensable to life itself.

The selection of the type of heating equipment for your home represents a decision of the highest importance to your well-being, and peace of mind . . . for your heating system can be either help or hindrance, tyrant or servant, friend or enemy . . . the source of work, uncertainty, and of everlasting trouble, or of clean, silent, dependable warmth regulated by the mere touch of a finger . . .

ENGINEERED FOR FREER LIVING

In building home heating equipment Bryant has borne in mind the fact that modern living is far too complicated and modern life is far too full to center around care and responsibility for the inefficient furnace.

Accordingly, Bryant engineers have studied, researched, experimented, until, today, Bryant is in a position to provide the most simple, direct, and unfailing boiler operation that modern heating science can offer . . .

A BRYANT BOILER IS YOUR SILENT SERVANT

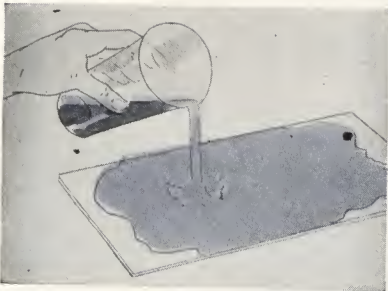
The Bryant Gas Boiler is made to answer every demand for economy and efficiency . . . to withstand all heating emergencies . . . to perform silently and dependably throughout its life . . . to outlast the home it heats. A self-contained automaton, sensing and promptly responding to every temperature demand within the home, it needs no form of supervision, care or attention.

Without moving parts to wear and grow

noisy with age, using gas, the only fuel that burns without waste, ash, odor or stain, every Bryant Boiler embodies the complete heating service for your household . . . a service that gives you measured, uniform, clean and carefree warmth in your home throughout the heating season . . . ends all forms of bondage to the furnace . . . and makes heating operations so simple you will hardly know they exist.

Heating Equipment

BRYANT DESIGN

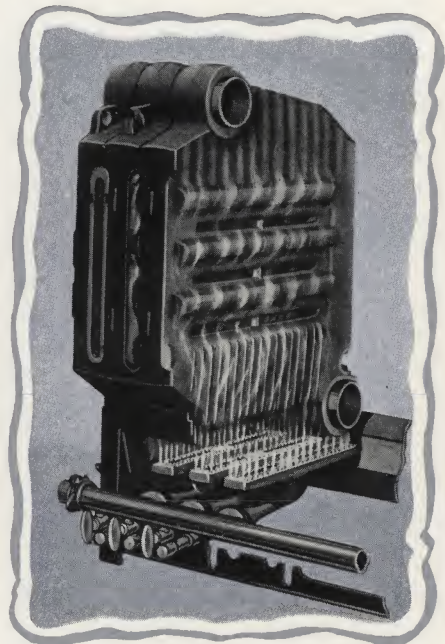


● The design of gas heating equipment differs from that of other types of heating equipment. It is basically more perfect . . . There are no moving parts. No room has to be made in design for grates, nozzles, atomizers, gears, drives, pulleys, or for other complicated feed mechanisms. The problem is one of providing adequate heating surface and directed travel for the hot gases of combustion . . . Every

gas boiler, for instance, is basically a heat-absorbing area. It absorbs heat just as a blotter will absorb water. The larger the blotter and the more careful the application of the water, the greater will be the quantity of the water absorbed . . . So, too, with a heating plant. The larger the heating surface, and the better the direction of the gases of combustion, the more complete will be the heating efficiency of the boiler . . .

BRYANT EFFICIENCY

In the Bryant boiler, this important principle of heating is used to the best possible advantage. Cast iron sections are built of generous size to provide maximum effective heating surface. Tubular construction of the sections is employed because of efficiency and economy. Sections are modeled to "stagger" the gases passing through the boiler, an arrangement that forces the gases to rub, chafe, and scrub every available inch of heating surface so thoroughly, that, in the spent gases, only enough warmth is left to insure the necessary flue draft. Note how lower tubes in the zone of the hottest gases are ribbed to enforce additional heat absorption. By this means hot gases from each burner are divided by the lower water tubes, combined with the gases from the next burner, divided again by the next, and baffled back and forth, constantly rubbing heating surfaces, until the maximum in heat has been derived from them.



SECTION OF THE BRYANT GAS BOILER
SHOWING STAGGERED GAS TRAVEL

BRYANT

... Gas

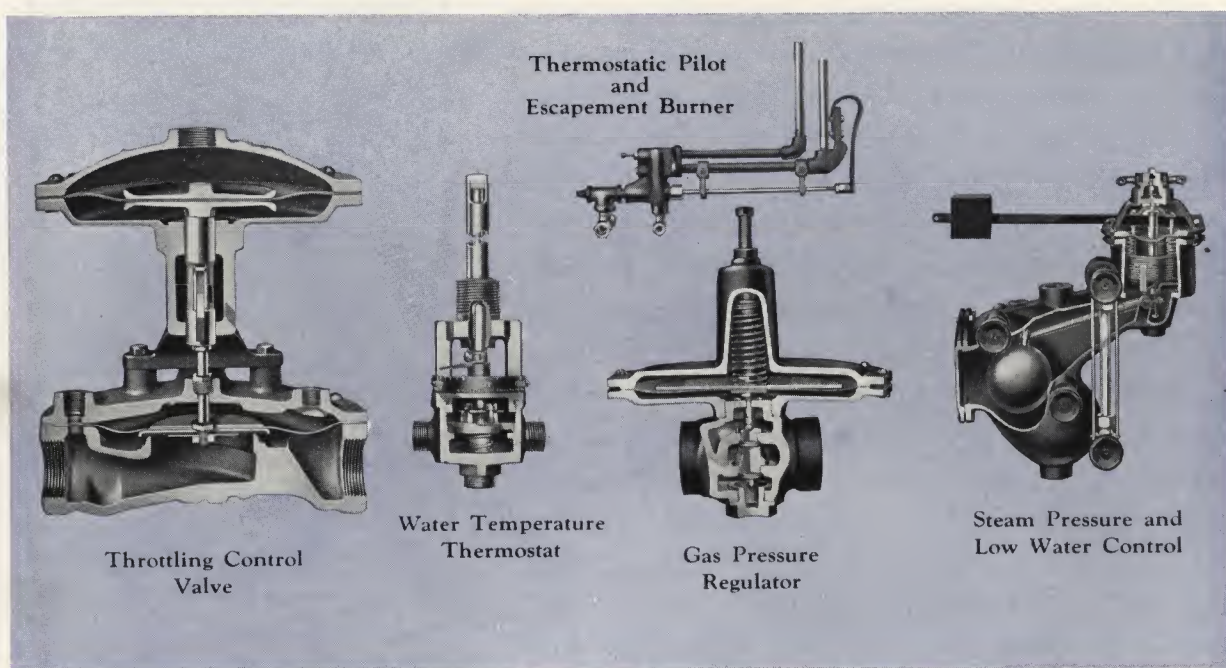
CONTROLS...THE HEART AND BRAIN OF THE HEATING SYSTEM

● The control system is both heart and brain of a heating plant, ordering, directing, and guiding its operation . . . To be automatic, therefore, the control system must be perfect. To be perfect, it must be simple and exact in its operation. Complicated mechanisms are subject to wear, easily get out of order, and are often difficult to repair . . .

The system of controls used on Bryant heating equipment is both simple and exact. Motive power for their operation is furnished by the pressure of the gas flow itself.

The function of each control is independent of the function of every other. One of them alone can hold the boiler off.

A master control . . . the Throttling Control Valve . . . provides exact regulation. Opened by gas pressure and closed by the unfailing force of gravity, this master control is the policeman of the system's action and the keynote of the perfected operation that makes Bryant gas heating plants completely automatic and independent of all forms of human attention.



BRYANT GAS ACTUATED CONTROLS

Heating Equipment



MODERN RECREATION BASEMENT WITH BRYANT MODEL 455 GAS BOILER AT RIGHT

IN THE STYLE OF THE MODERN HOME

● The Bryant Boiler... like all Bryant Heating and Air Conditioning Systems... bears no more resemblance to old-fashioned, sprawling, and unsightly equipment than does the modern basement to the dank, dark cellars of yesteryear.

It is at once a good looking and serviceable article of home furniture. It is neat and self-contained. All controls are completely en-

closed. The heating *cabinet* is shaped like a traveller's trunk, streamlined, and finished in deep blue with chromium trim. Readily adaptable to any artistic scheme you may eventually employ in furnishing your living basement, its compactness places extra room at your disposal for use in planning of recreation room, hobbyroom, storeroom, or playroom for the children.

BRYANT

● The Bryant Dualator treats the air completely for moisture, cleanliness, and motion. In the actual operation of the Dualator, heating is divided from the other three functions of winter air conditioning. The division, however, has a purpose. It allows the combination of radiator heat with warm air conditioning considered ideal by many home owners and specified by a large number of architects. It makes practicable exact direction of warmed, conditioned air into those rooms of the home it is most desirable to condition completely, and in other parts, where heat is important but complete winter air conditioning actually unnecessary, it allows the separate advantages of the radiator's warmth.

● The Bryant flue damper prevents the dissipation of radiated heat during off periods of heating plant operation. It eliminates chimney pull — the draining away of basement air through the skirt of the draft hood when the heating plant is not in operation — closing the flue passage as soon as the heating plant is shut down. It saves warmth, ends heat waste and keeps basement and floor above warm. Thus it lowers the cost of heating the home.

● The Bryant Humidifier . . . operates independently or in harmony with any heating plant. Its main function is to counteract air dryness, by furnishing the air with abundant moisture. In addition to this function it warms, cleans, and circulates the air before delivering it into the house. A quiet propellor-type fan provides air movement between outlet and return air intake. Diffusion of the humidified air takes place gradually so that all parts of the home enjoy the benefits of the delightful climate the unit can produce. It is the ideal conditioning unit for use in a small home.



Dualator



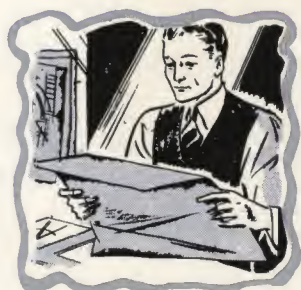
Flue Damper



Humidifier

BRYANT

Service



A satisfactory heating or air conditioning system demands first the planned and perfected design of the heating equipment that is to go into the home. It demands also an intelligent and workmanlike plan for the layout of the entire installation . . . radiation, duct work, position of duct work, location of the heating plant, and many other factors.

The first requirement rests on the manufacturer of heating equipment. The other division of the work is the task of the heating engineer. It is logically his province. It is desirable, however, to build close cooperation between both engineer and equipment manufacturer. In this way problems are simplified. Possibilities for error are eliminated.

This procedure calls for a large and flexible organization with vast facilities for service. The Bryant Heater Company is such an organization. Its forty-four distributors' offices in this country and in Canada are manned by a staff of competent heating advisors thoroughly qualified to determine the heating requirements of your home . . .

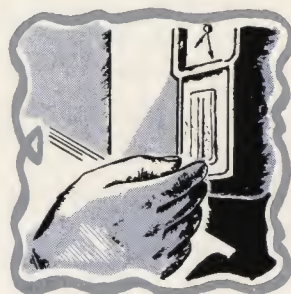


to specify the most suitable type of Bryant Heating or Air Conditioning System for your home . . . to submit estimates of installation and operating costs. Every Bryant distributor is willing, eager, and competent to collaborate with architect and engineer, and to render to you individually every useful service in providing for the dependable performance of your equipment. His is a service . . . given without obligation . . . that will aid you in choosing the proper type of heating plant or air conditioning system for your home . . . that will help you use building space to the best advantage . . . that will add much to your lasting enjoyment of your new home . . . You will want to consult with him.



First, however, you will want more information on Bryant heating and air conditioning systems . . . you will want literature explaining more fully how the equipment you are most interested in will contribute to your comfort, convenience, freedom, leisure, and health in daily living . . . how it will make your home a cleaner, livelier, and more attractive place in which to live . . .

We will gladly send you this literature. Just mail the enclosed postcard.



The Carefree **BRYANT** *Furnace Man*



● You have seen him a hundred times in real life . . . a madcap Boston terrier pup not more than three months old.

You know his keen sense of playfulness and often watch as, falling over his own feet, he scrambles at top speed up the street to greet his homecoming mistress who will sometimes give him a package to carry for her.

You always smile at his keen vitality when he runs out of the house at night to sniff the cold, clean air of the winter or to tumble about on the snow-covered lawn.

You love the almost human look of innocent bewilderment in his eyes. You love his mad and childish ways and loving them you love him

Imagine him as the carefree Bryant furnace man. He may be irresponsible, but he has no duties. He may be careless, but he has no reason for care. If he is thoughtless it is no matter; he has nothing to think about. If he is lazy there is nothing to make him work. The Bryant equipment he watches over is automatic, dependable, effortless in its performance. It "lets the pup be the furnace man and weather man, too."

● WITH BRYANT IN THE HOME THERE IS

ALWAYS "COMFORT IN THE AIR"

● In gas are coordinated the virtues of an exceptional fuel and the merits of an outstanding service . . . It is clean, silent, and automatic. It requires no effort or attention. It is certain and unfailing in supply. It eliminates fuel storage and makes furnace room discomfort and the discomfort of fluctuating temperatures a thing of the past.

● In field and laboratory the gas company in your community labors untiringly to maintain its service and to make that service as perfect as intelligence and properly-directed effort can.

GAS IS THE LOGICAL FUEL FOR YOUR HOME

THE BRYANT HEATER COMPANY

17825 ST. CLAIR AVENUE

CLEVELAND, OHIO

TO THE HOME
GAS BRINGS



Added Leisure



Greater Cleanliness



More Room



Uniform Temperature



Burnham Home Heating Helps

told in a
friendly
way



Burnham Boiler Corporation
IRVINGTON, NEW YORK



How much do you care for your children? Do you care enough to make sure that the floor is sufficiently warm so that they can at any time play around on it? If you do care that much, then the friendly suggestions that follow will mean a lot to you.

The friendly way we will help you with your Heating

IN THE FIRST PLACE, let's forget all technical talk. Let's have no discussions about "impinging fire surfaces" and all that sort of silly lingo.

Let's just sort of sit down together, as you would with one of your neighbors who dropped in for an evening, and chat as you then would if the talk turned to heating.

When you consider that for a large portion of the year, so much of your home's comfort depends on the heating, its importance among *first* considerations is obvious. Yet so many actually leave it until the *last*.

You may get accustomed to the shortcomings of ineffective heating, but your friends and guests don't. You may get over

grouching about your fuel bill, but the cause is there just the same.

It is, year after year, costing you more than it need. You are actually spending a certain amount of your money for which you get no returns. Which wouldn't you say, is the same as throwing it away?

So don't compromise with your heating. Skimp other places if you must, but have your heating right, so you can have both contentment of mind and comfort of body.

You will find this catalog a friendly help. Anything not covered that you want to know about, don't hesitate to write us. You will get a prompt answer. Furthermore you will find us friendly, pleasant people. A point you will appreciate.

Some friendly suggestions as to ways of keeping down Heating Costs

ALLOW US TO SAY AT THE START, that merely keeping down the *cost of your heating* does not mean you are *keeping down heating costs*.

Let us explain. The cost of your heating is what the outfit costs complete to put in. The heating cost, is what it cost to put in, *plus* what it keeps on costing, day after day *to run it*.

Here is how it works. Generally speaking the cost of the heating averages $9\frac{1}{2}$ percent of the total cost of your home.

If, however, to save a few dollars at the start, you skimp a bit here and there on size of your radiators; or allow yourself to be convinced that a smaller boiler will do the work, than the figures show is needed, your heating costs are always going to be too high.

Not only too high, but you won't get the heat comfort you want and have a

right to have. It means forever forcing and pushing the boiler. When you do that, an excessive amount of heat is sent up the chimney instead of into your radiators.

Even if that heat didn't go up the chimney, a radiator of a certain size can do only so much heating in a given time. You can't get a quart out of a pint bottle. So it all means you must not only run your boiler harder, but keep it burning full blast longer.

You may save a few first dollars in consenting to skimp your radiation or your boiler, but you will pay for that saving over and over, by the extra fuel you must burn, and still not have the cosy comfort heat you have a right to have. Such crowding of your boiler also shortens its life.

So save your money and insure your contentment by having plenty of radiation and an ample size boiler. Don't let anybody talk you out of it. Be firm on that.



It's funny the way some men have of blaming their wives for what they are to blame themselves. They will insist on having all the say about selecting the heating, and then grouch to her if it isn't satisfactory.

Now let's get Systems Out of our System

TALK TO MOST OF YOUR FRIENDS about how best to heat your house and what happens? Some will mention this or that system. Others dwell on the fuel and talk the advantages of oil over coal, and gas over oil. The next one you ask is "all het up" on the advantages of having a stoker and using cheap fuel. And so it goes.

A surprising few seem to consider of much importance what goes to make up one system, or another. Or the best boiler for your particular needs.

Of first importance to you, is what kind of an outfit is best adapted to your needs and pocketbook. It is both the starting and the stopping point so far as you are concerned.

Of course, for one reason or another, you may prefer steam over hot water. But what you may like, doesn't prove it is the best for your home, all things considered.

In any event, the heart of any heating system; and the efficiency of burning any fuel, *largely lies with the boiler.* Therefore, start right, right at the start, with the right boiler.

Naturally every boiler maker claims his is the best. But it is just common sense that all of them can't be best. Some one of them, however, is the best one for your needs and pocketbook.

We believe it is a Burnham. We know there is a Burnham for every need and pocketbook, and we know how effectively Burnhams give you cosy comfort heat. We have been making Burnhams for over 60 years.

Then let's Systematically look into the Systems

THERE ARE FOUR MAIN SYSTEMS, the heart of which is a boiler. Let's look into the points of each and see if we can't help you to make a selection of the one system best adapted to your particular needs and pocketbook.

1. STEAM

Lowest in cost of installation. Quick to respond. Quick to heat. Costs less than water because of one line, instead of two, of pipe. Because of high temperature of steam, radiators can be smaller.





Its limitations are, that unless you have it equipped with the right kind of venting valves on the mains and radiators, you won't get a bit of heat until the water is at boiling point and steam pressure is produced. Below that point you burn fuel without any return.

That's why so many steam heated homes, become so quickly chilly when the drafts are shut off.

2. VAPOR-STEAM COMBINATION

By this combination, we mean a one pipe steam system, the mains and radiators of which are fully equipped with automatic air venting valves. Not the usual kind, but Burnham's that not only let the air out, but *prevent its returning*.

That means, the air pressure in the system will be so reduced, that the boiling point of the water is lowered, and the hot vapor will circulate freely before there is any actual steam.

You get heat several degrees before the boiling point is reached. With but a moderate fire, radiators will keep continuously hot.

These let-out-keep-out air valves, do cost a bit, but will pay for themselves the first season in actual fuel saved. They are sure enough your thrift friends.

3. VACUUM

This is sort of a glorified steam system, having both flow and return pipes, as with your hot water. It is equipped with special air venting valves, which preserve a partial vacuum in the entire system. Sometimes on the larger installations vacuum pumps are used.

The boiling point of the water, because of the reduced air pressure, is greatly lowered, and the hot vapor circulates unhindered. Each radiator is equipped with a swing handle valve, giving a graduated control of the heat. Also a steam trap to keep heat in the radiators.

Its cost is higher than the other systems, but the convenience of control, comfort assured, and fuel saved, warrant it.

4. WATER

The minute there is any heat in the water, that minute it starts circulating, and you get heat from the radiators. It is delightful low temperature heat.

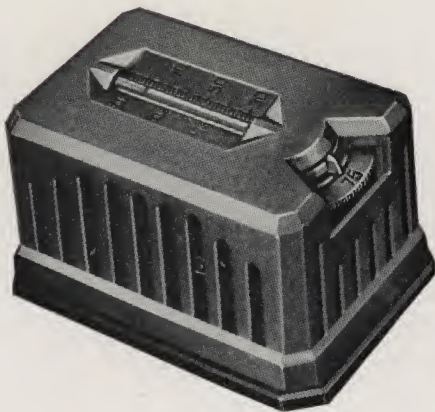
The ordinary hot water system is a bit slow to respond. But that can be successfully overcome by use of a noiseless, electric pump which speeds up the circulation, making hot water heat practically as flexible as steam. Because of the water averaging not above 180 degrees, the radiators must be larger to give an equivalent heating surface to steam at 212.

Each radiator has two pipes—one to bring the hot water from the boiler to the radiators; the other to take the cooled water back.

It is a particularly pleasant, low fuel cost system.

Of course, there are some modifications of these four major systems. But in the main these are the facts.

At this point Consider Automatic Heat ... It's so well worth considering



This is the thermostat. You set it at whatever temperature you want, and it does the rest. Does it day and night. Just set it, and forget it. But it never will forget. Never goes to sleep.

IF FOR NO OTHER REASON, than making sure of contentment of mind and comfort of body, automatic heat is worth its price to you.

It certainly does effectually take the fuss and cuss out of heating your home.

Perhaps a better name for it might be "Magic Heat", for it is almost uncanny the way an innocent little box affair called a thermostat, conveniently located on the wall of a first floor room, can take the whole bother of heat watching off your hands.

You set it at the temperature you want, and it does the rest.

Automatic heat is a positive success with gas, oil, or stoker-fired coal. It costs no more in the end than other heats, that do so much less for you. Costs no more, because you get so much more 24-hours-a-day comfort out of it.

Gas is the most completely automatic of all, because after the supply pipe is connected, you give it no further thought.

With oil, all you need do, is remember to keep an eye on the fuel supply and see that the tank is kept filled.

In some sections, by using a stoker, you can save considerable on your fuel costs, as it will burn a low cost coal.

As far as we are concerned, Burnham make separate types of boilers, each designed to best burn any of the three fuels.

So again it simmers down, to selecting the fuel and the Burnham which best meets your particular needs and pocketbook.

But if you can, by all means put in some one of the three automatic heats. You can then be assured of absolute contentment of mind and comfort of body.

Now let us look into The Fuels that are the best for you

GAS

Gas is the more fully automatic of all fuels. No bin or tank to fill. No ashes. No odors. Where natural gas is available and in many localities where there is a low gas rate for heating, the cost is not at all excessive. After the pipes are connected you can forget everything. The thermostat and other automatic devices do the rest.

OIL

So far as convenience and freedom from all care is concerned, oil comes next to gas for automatic heating. All you need to remember, is to keep an eye on the oil supply. Even that, in some localities, is taken care of by the oil concerns. All standard makes of oil burners are now so highly perfected, you can't go wrong on oil heat. But it is important to have the right boiler. We have a catalog devoted especially to that matter. Send for it.

COAL

In some instances coal has it all over both gas and oil so far as cost is concerned. But its bugaboo always was the necessity of hand shoveling it into the boiler, and the temper-testing taking out of the ashes. But the automatic stokers have now taken care of that to the queen's taste. They automatically feed the coal to the fire from either your bin or a hopper. The ashes are at the same time deposited in dust-tight cans for easy removal. You can use a low price fuel, generally making a considerable saving. With stoker firing you can have automatic heating of your hot water supply, during both summer and winter, the same as with gas or oil. The Burnham coal boilers, because of their extra long fire travel, are highly satisfactory with either hand or stoker firing. It's that long fire travel that makes their short fuel bill.

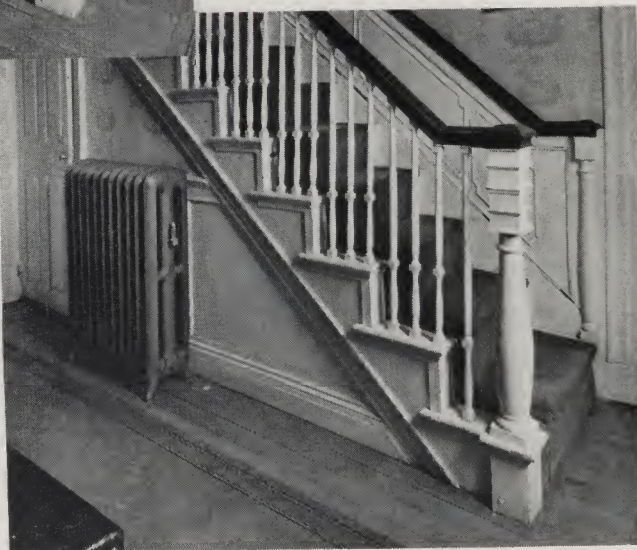
As for the comparative cost of oil, gas and coal, you can readily see all depends on conditions where you live.



Then arises that little-big question of Radiators



Finally the owner revolted, and "yanked out" the old radiator, cut a 4 inch deep recess and put in one of the new Burnham Slenderized Radiators which is flush to the face of the wall. Does not stick out at all into the hall. What a difference!



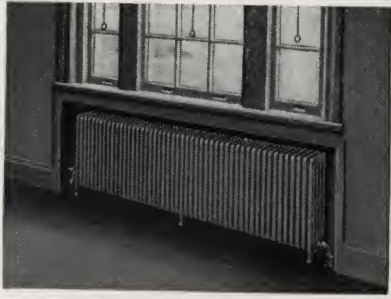
What an eye-sore is that wide ugly looking, old-time radiator in this carefully designed Colonial hall.

LOOK AT THE LOWER PHOTOGRAPH. See that space-taking, ugly looking radiator, decidedly a blot on this carefully designed Colonial hall.

Now look at the top photo of the same hall, but with a Burnham Slenderized Radiator recessed out of the way. So slender and narrow are these Slenderized Radiators, that you can put them in only a four inch deep recess and let the attractive front of the radiator itself, be the grille. Or if you prefer one of our panel fronts can be used as shown on the opposite page.

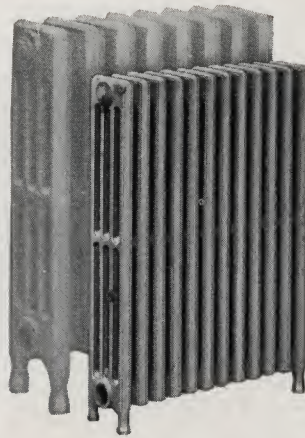
But for some locations you really don't need to recess them. They are so narrow, and so restrained in design, you can finish them the same as the walls or woodwork, and they'll scarcely be noticed at all.

Take the one in a living room, shown on page 9. It is no thicker than the length of my first finger. No higher than the sill. Running full width of the window, it fits right in with it.



OPEN FRONT RECESSED RADIATOR

The Slenderized Radiator being only 4½ inches deep, a recess space can be made between the studding under the window, and the radiator set in it entirely out of the way. So good looking is this radiator, that it is being used extensively without any panel front or grille.



**Takes up 40% Less Room
Heats 40% Quicker
Costs No More**



RECESSED WITH PANEL FRONT

The Slenderized Radiator can be used with the Burnham panel front. The lower portion of the panel is entirely open and the radiator itself acts as the grille, giving off radiant heat. The grille at the top gives you convected heat, which is an ideal combination giving quicker heating results.

So that then, is what the new Burnham Slenderized Radiators will do for you. Although so much smaller, they are far more efficient than the big ugly ones, that are so utterly impossible in present day homes. The new good-looking Burnhams cost no more than the old ugly ones. Think of that.

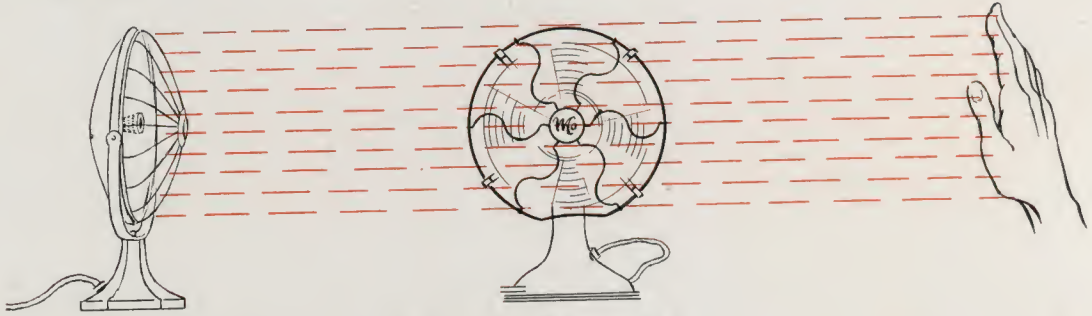
Just a word more. The old-time radiators stick out in the room 10 to 12 inches. The Burnham Slenderized ones, no further than your forefinger is long. And let us say again, that in a recess space of 4½ inches between the studding under your windows the Slenderized Radiator will fit in entirely out of the way. Its front will be flush with your walls. So finely designed and finished are they that you need no grille in front of them. They are their own grilles. And another thing, radiators so recessed are highly efficient and don't let anyone tell you otherwise.



If you were not actually looking for the radiator in this room, you just wouldn't know it was there. When you did discover it, you would have the impression not of a radiator, but an unobtrusive, carefully designed grille. Such is what can be accomplished with Burnham Slenderized Radiators.

The photo at the left shows the way most radiators stick out. This one in a bed room is actually a foot deep, besides setting out two inches from the wall. That makes 14 inches into the room. Yet it is no larger than the usual style of radiator has to be. You would scarcely notice it, if it were a Burnham Slenderized one.

Why it's so important to have Radiators that give you Both Radiant and Convected Heat



Prove It Yourself

Just to prove to yourself that radiant heat travels in straight lines and is not the least influenced by drafts, try this experiment. Take an electric bowl-type heater such as are so often used in bathrooms. It gives off only radiant or straight-line heat. Now about two feet away place an electric fan so that

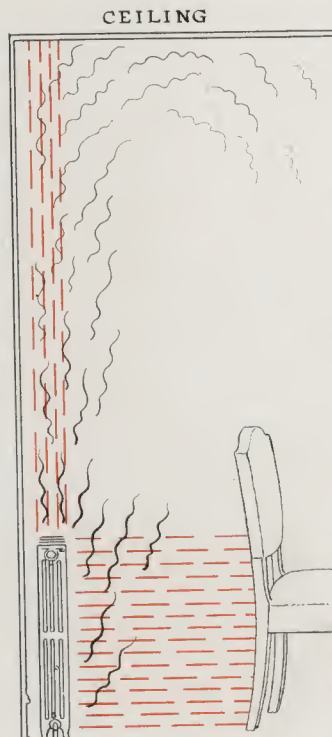
the breeze will be directly across the path of the radiant heat from the bowl. Hold your hand as shown above. You will find that no matter whether the fan is going or not, you feel the same amount of heat on your hand.

ISN'T it so, that just because those words *convected* and *radiant* sound so sort of technical like, that mostly folks haven't bothered to know how important they are?

But they are important, and really not at all technical. Here is just a plain every day explanation of them.

RADIANT HEAT travels in straight lines. For instance, the radiant heat from a radiator does absolutely no heating of the air through which it passes. It must first strike something like a chair, table, the wall or yourself, and be absorbed, before it does any heating. It is exactly the same brand of heat as the sun gives off. The air through which it passes is not heated in the least. That is proven by the fact that the higher you get in the mountains, or away from the earth in an aeroplane, the colder it is. Naturally it would seem that being nearer the sun it should be warmer. But you see, the sun's radiant rays, heat the earth only when they *strike it and are reflected back*.

CONVECTED HEAT is entirely different. Let's go back to the radiator for an ex-



Both Heats at Work

This sketch shows you in red lines how the radiant heat from a radiator travels. The black lines show the action of the convected heat. It is the combination of them both, that makes Burnham radiator heating systems so much quicker and more economical than any others.

ample. It gives off radiant heat in straight lines. It also heats by convection. Does a double job. That means it directly heats the air that comes in contact with it.

The minute it is heated, it starts to rise in a more or less circulatory or wave-like manner.

Because it first rises towards the ceiling, not until the air up there is the same as the heat itself, does it start coming down to do its job of heating the lower parts of the room.

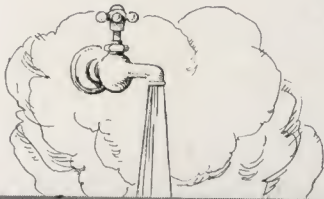
So you now at once see, that while the radiant straight line heat from the radiator has been warming up the lower parts of the room by reflection, the convected heat has been heating the upper parts by circulation.

Both finally come together. It is obvious that when you have the combination of both these heats, given off by radiators, you get far quicker heating results.

Radiators heat from *both the bottom and the top*, and meet in the middle, so to speak.

Of next importance is HOT WATER

How to keep out of it
by Keeping in it



NEXT TO POOR COFFEE AND COLD SOUP, wouldn't you say, the failure to have enough hot water, when it was wanted, has caused more grouching than anything else about "living home"?

Of course, to have good coffee you must first start with enough coffee; you know that's just good sense.

By the same token, if you would make sure of having enough hot water, you must first see to it your supply tank is large enough. So don't skimp on its size to save a dollar or two.

Then make doubly sure your way of heating it, will do the job.

It is a funny thing, that important as hot water is in every home, so many folks will cut costs on the equipment by cutting down on size of tank, or skimping on size of the heating part.

Cut down on the size of your pet closet, but whatever you do, see to it you will have all the hot water you need. Not only have it at certain times — but *all* the time.

There are four different ways to make sure of having it all the time.

1. INDEPENDENT HEATER

Have a Burnham hot water supply boiler connected directly to the supply tank. It is surprising how little fuel they burn and how much hot water they give.

2. OUTSIDE INDIRECT HEATER

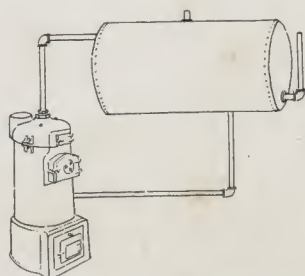
This is a copper coil, enclosed in a cast iron casing, through which the water from the boiler circulates. The coil portion is directly connected to the supply tank, heating it. This Indirect Heater can be connected to the outside of any boiler and it will give highly satisfactory results. You can get Indirect Heaters from us.

3. BURNHAM-TACO TANK

The copper coil heater and tank are combined in one. It is connected directly to the boiler. One of the most economical and satisfactory methods.

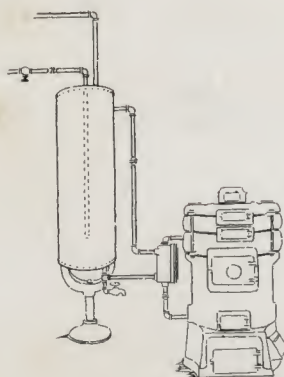
4. BURNHAM OIL BOILER TACO-WATER HEATER

The Taco water heating coil is built right inside the oil burning boiler, and placed at the top where there is always the most heat. It is an ideal fix.



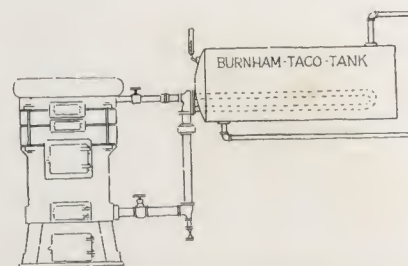
SEPARATE EQUIPMENT

This is the separate or independent hot water supply with its own boiler for heating the tank. It generally burns coal.



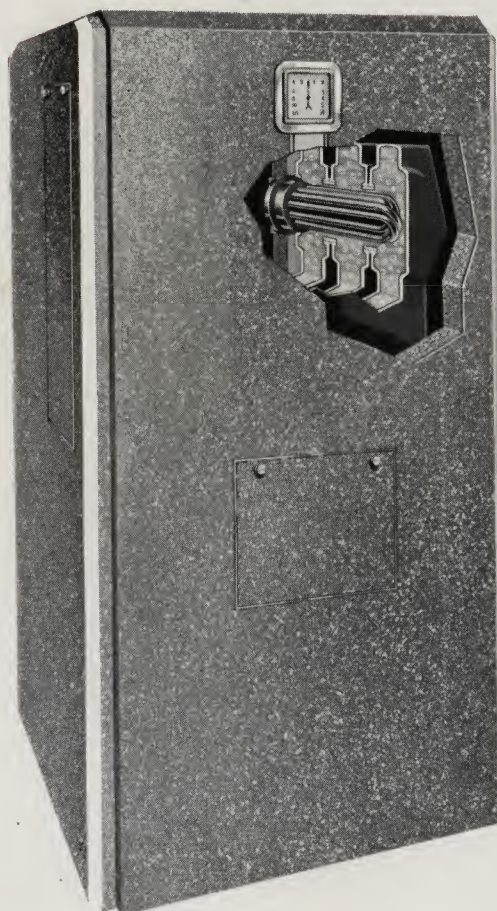
OUTSIDE TACO

Here the Taco hot water heater is on the outside of the boiler and connected to both it and the tank.



BURNHAM TACO-TANK

Instead of the Taco heater being connected on the outside of the boiler, it is right on the inside of the tank itself, with pipes coming from the boiler to the Taco heater. Gives particularly high efficiency.



This cut open view of the boiler, shows how the Taco coil hot water heater is built right into the top of the Burnham Oil Burning Boiler, where it is the hottest. Here you have the height of efficiency.

How the BURNHAM AUTOMATIC HEAT

Furnishes you Hot Water both Winter and Summer

BY AUTOMATIC HEAT, we mean Burnham Boilers burning gas, oil or coal, that are automatically controlled. It used to be, that only gas and oil fuels could be fully automatic. But now that stokers have been perfected for home heating, coal also can be automatic.

One of the strong economy points and great conveniences of Burnham automatic heat, is that it furnishes you plenty of hot water in the summer, as well as in winter. Your boiler is never idle. This is the way it is done.

For the summer, the burner or the stoker is controlled by an Aquastat. You set it at say 180 degrees. Whenever enough water is drawn from your hot water tank to lower the temperature, the Aquastat turns on the fire. Soon as the water is again up to the temperature you desire, off goes the fire. No needless fuel is burned.

If for example, an extra number of baths are being taken, and the water should start coming just warm instead of hot, then the Aquastat will see to its being hot again in a surprisingly short time.

"But," you say, doesn't running the boiler that way heat the house too? Isn't there a waste of fuel?"

No, not at all. The Aquastat attends to that. It never allows the water to get hot enough at any time, to throw heat into your radiators. Automatic control valves on the mains prevent summer-time circulation of hot water through the radiators. As for cost of fuel, it is but little, if any more than other methods.

But supposing it did cost a bit more, what of it, considering that you know you will at all times have plenty of hot water. All the time. Not just at times.

Some Helpful Suggestions on Selecting the Best Boiler for Burning Oil

WHEN OIL BURNERS were first being perfected for home heating, the leading concerns used Burnham regular coal boilers practically exclusively, for oil demonstration purposes.

They did it, because of both the Burnham economy and their long fire travel, which hushed so much of the roaring noise of the flame.

In those days, there was no such thing as a boiler designed especially to burn oil. So all burners were attached on the outside of the boiler.

There are a good many who still prefer it that way. Prefer it, instead of the burner being built in or jacketed inside, as is the Burnham specially designed Oil Burning Boiler.

There is no doubt about the very definite fuel economy in this specially designed Burnham Boiler. It is also attractive looking with its smart jacket. There are certain advantages in having everything built in and out of sight.

Some, however, feel that if a time should come when the cost of oil might be such that they would save money by going back to coal, they want to be able to do it. And the point is a good one.

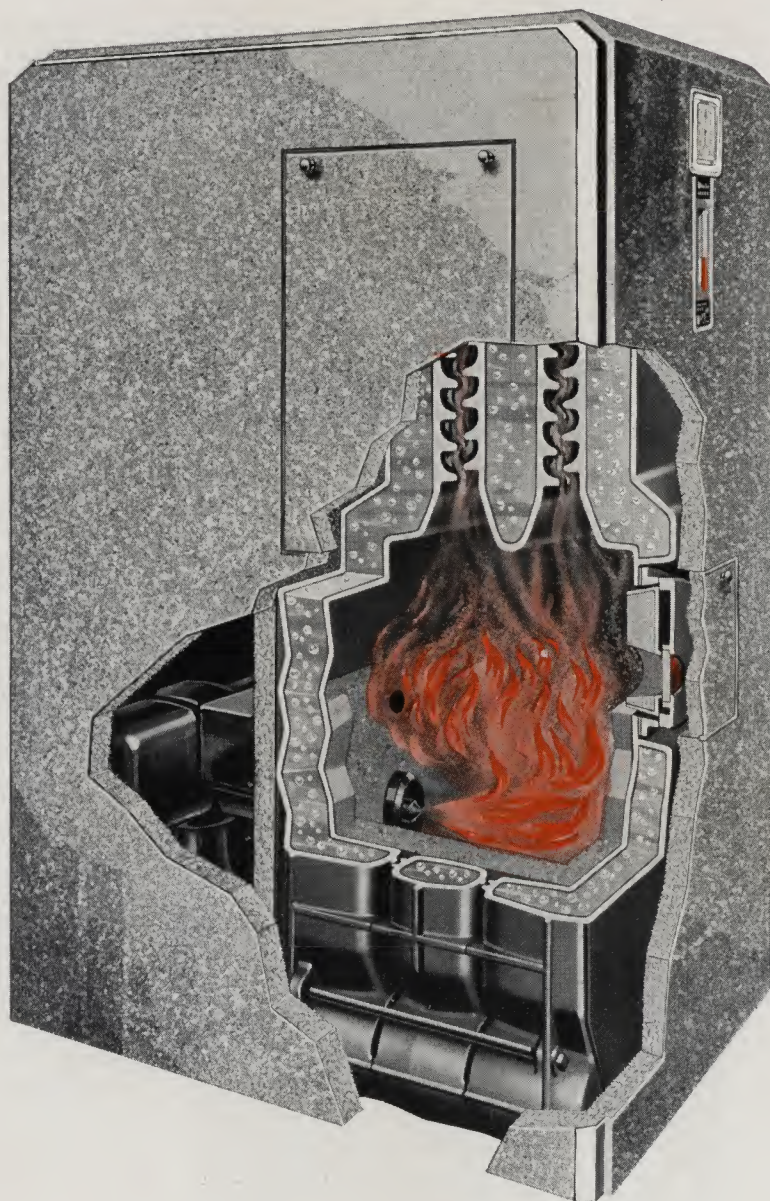
Some people instruct their heating contractor, even though they intend burning oil, to install a coal burning boiler and keep the extra parts on hand for use of coal any time they want to change.

You see, we are in an entirely unprejudiced position in the matter, as we make both types of boilers. It doesn't matter to us which you buy. So our main interest is to help you get the boiler best adapted to your particular needs and individual pocketbook.

We have a most interesting catalog on the special Burnham Oil Burning Boiler which we would be happy to send you. In fact, we suggest your surely seeing it, before deciding on which boiler is best for you.

On page 27 is mentioned other printed matter which you may want. It is sent free.

On page 24 of this catalog are some pertinent questions and answers on the things you should know about heating with oil. Suggest you carefully read them.



**THE BUILT-IN
BURNHAM OIL BURNING BOILER**

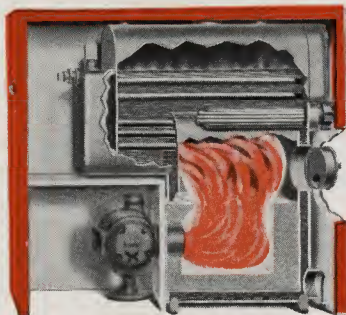
Everything about this specially designed Oil Burning Burnham is built-in. The jacket is as sleek and clean as a greyhound. Even the Taco hot water heater is built-in. The jacket is pleasing in design. Finished in a neutral grey.

Now a Word About the Oil Burning

STEEL BOILER



This photograph of the complete boiler shows you the neat and trim lines of the jacket. Pleasing, wouldn't you say?



We took one side of the jacket off and cut open the boiler to get this picture. Notice the two passes of tubes, the copper coil, Taco Water Heater and also that the water in the boiler extends clear under and around the combustion chamber.

FOR THOSE WHO prefer steel boilers we have a specially designed Steel Oil-Burning Boiler of the efficient "Scotch Marine Type".

It is an unusually economical and attractive boiler, completely welded into one strong compact unit and enclosed in a good-looking two-tone red and grey jacket.

Everything is enclosed within the jacket, even the oil burner itself, so there is very little, if any, possibility of anyone tampering with the controls.

Everything being enclosed any slight mechanical noises are hushed to an almost inaudible whisper. Quiet operation is assured.

Because of the extra heavy layers of insulation which surround the boiler, very little heat is radiated through the jacket — one of its distinct economy features.

This Steel Boiler is designed for any gun or pressure-type of oil burner you may prefer. This is an added advantage as it is possible for you to select an oil burner sold and serviced by a local dealer.

As is the case with our Cast Iron Oil-Burning Boiler, the Steel Boiler is furnished complete with a genuine Biltin Taco Water Heater for year 'round domestic hot water supply. It is also provided with and for all modern safety devices to assure safe and dependable operation.

But you ask what of Coal Stoker-Fired and Gas-Fired Boilers for Automatic Heat?

Glad you asked that question, even though we have touched on them already. But it is so important that just touching isn't enough. So what do you say if we go into it thoroughly.

Gas

SOME FEEL THAT GAS is the coming fuel. There isn't a doubt of its being one of the cleanest, fully automatic heats there is. In sections where the gas rate is favorable, we recommend its use. Burnham has a worthy gas-fired boiler designed specially for the purpose.

It's an interesting thing that this boiler shows in service, an economy equalling that of the tests made at the plant, conducted very naturally under favoring conditions.

One of the decided advantages of gas heating is its absolute freedom from care. Once the boiler is installed and connected to the gas, you need give it practically no more attention than you do the water in your home. Like it, it's always there to instantly turn on. No bother watching the coal bin supply, or amount of oil in the tank. No fear of running out of fuel when snow may hold up truck deliveries. No stopping of heat if the electric supply should fail.

The great increase in home gas heating the last year shows plainly enough the rapidly increasing appreciation of its care-free advantages.

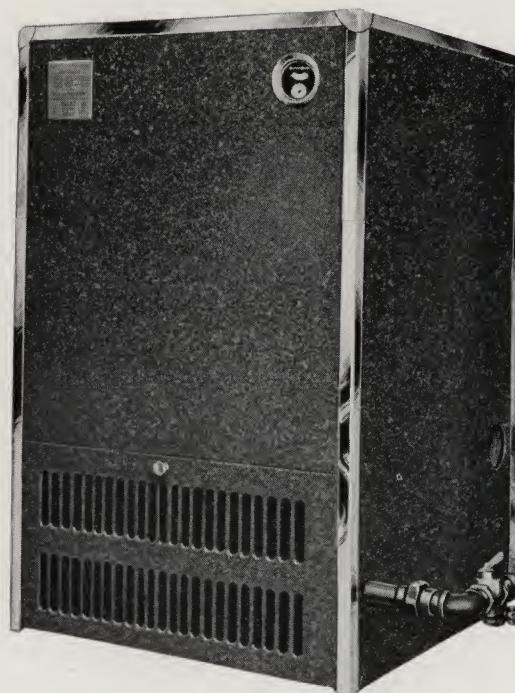
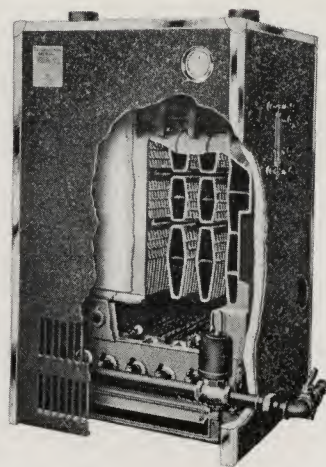
Stoker-Fired Coal

Automatic or mechanical coal stokers have been used for a long time for industrial boilers. And for a while the makers certainly did have a lot of grief, when they tried to cut down "papa's pants to fit Willie" so to speak, in attempting to adopt those stokers for home heating boilers.

Happily for you, that's all a thing of the past. The present day stokers are quite wonders of ingenuity. They are just as dependable as oil burners. Burn a low priced coal.

Fuel can be either put in hopper by hand, or automatically fed from the bin. The ashes are mechanically deposited in cans, doing away with the dust objection, not to mention the work and the bother hand shovelling means.

See pages 25 and 26 for Questions and Answers
About Stokers and Gas Boilers



This special Burnham gas-fired boiler is mighty good looking. It has a name for economy.

Air Conditioning Your Home in the



The Unit Air Conditioner

Here is the complete Conditioner enclosed in its cabinet with deflector grille on the top. It is 39 $\frac{3}{4}$ inches long, 23 $\frac{3}{4}$ high and 13 $\frac{3}{4}$ inches deep, which is no larger than the usual enclosed radiator. It is connected to the steam or hot water system the same as any radiator. The water for the humidifier is piped from your water supply, which is kept at a uniform level. As a precaution there is an overflow pipe. Center panel is removable for easy access to the Conditioner.

THE reason—the only real reason—for having Air-Conditioning in your home, is that it adds to your comfort and makes it healthier for all. It is not just a case of being in style or a passing fad. It is now one of the recognized necessities.

The Burnham Conditioner being a direct part of the heating system, balanced with it, and controlled by it, it does not supply moisture when it is not needed. This prevents the clouding of the windows.

It is only when the heat takes the moisture out of the air, that it needs replacing. That is why so-called Air Conditioning, that mainly means humidifying and filter-cleaning the air, should be a direct part of your heating system. There is a distinct economy in it.

The superiority of radiator heat in so many ways, especially in its simplicity, economy and positiveness in heating any and all rooms in any weather, regardless of the direction of the wind, makes the radiator system the ideal one for combining with Air Conditioning.

Happily for you the Burnham Simplified Unit-Air-Conditioner Radiator System, can offer you everything that any other system of heating can, while at the same time, give you several distinct advantages they can't.

Whether you believe it or not, a dry heat is not only an unhealthy one, but it is an irritating, unhappy one.

You may shrug your shoulders and say: "That's all just selling talk." If it is, then tell us, will you, why the papers and magazines have for so long, had so much to say about the importance of the right amount of moisture in the air? Not only moist enough, but filter-cleaned as well? Can all the doctors be so all wrong in advising it? Can so many of the rest of us be laboring under a delusion?

Dodge the facts if you will, but a lot of home health and happiness depends on the right heating. But heating your

home right, doesn't only mean being comfortably *warm*. There is a lot more to it than just warmth.

You surely know that dry heat dries out nose and throat membranes, and aggravates throat troubles. And dry membranes are always open traps to catch cold germs and all the other menaces.

But don't allow yourself to be misled. *All* home heat is dry. It is, unless some mechanical equipment is used to put the natural healthy amount of moisture back into the air, *that the heat always takes out*.

Don't allow anyone to tell you that sufficient moisture is drawn in through the cracks around doors and windows to balance what the heat dries out.

The only healthy heat is one that first warms the air, and then balances it with the right amount of moisture that the heat unfailingly takes out.

While you are putting that moisture back, it is only another step to filter the air, making it sweet and clean.

Such are the things that The Burnham Unit-Air-Conditioner System will do in Winter. If you wish, it can also cool your rooms in Summer.

The Conditioners, being heating radiators as well, can be used in place of an existing radiator or radiators in connection with present systems. They are just as applicable to old systems as new ones. The Burnham Unit-Air-Conditioners can be purchased separately.

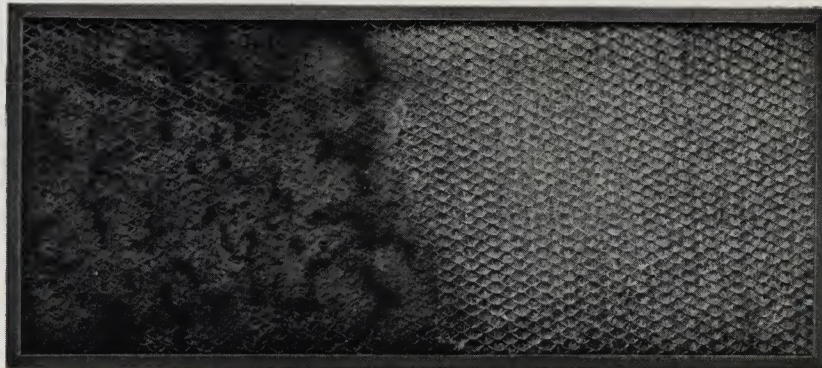
In the summertime you can run the fan and by giving a circulation to the air, relieve that dead heaviness that after all, is what you actually feel more than the Summer heat itself.

It will do the work of an electric fan, only much better. It is out of sight, noiseless and not only evenly distributes the air instead of just stirring it up in one spot, but at the same time filters out dust, pollen and dirt.

Most Practical, Economical Way

The Dirt It Takes Out

This double-layer spun glass filter, was taken from one of our Unit-Air Conditioners after three months use. The first layer of coarse spun glass caught the threads and lint. The second one is fine-spun, and captured the dust. We cleaned off the right half just to show you what the filter caught. It is hard to believe that the home air we breathe in the average living room, is filled with so much dirt.



About That Home Air Dirt You Breathe

If you still think the air in your home is free from dirt, just look at the before and after photograph above, of a spun glass air filter screen after three months use in a Burnham Unit-Air Conditioner. It looks like the inside of a vacuum cleaner bag.

When that filter screen was put in the Burnham Unit-Air Conditioner, it was as clean as shown by the right hand half which we cleaned off just to show you the "before and after". Before it was cleaned the entire filter was practically as "black as your hat".

You say, oh well, that must have been in Pittsburgh or Birmingham. No, it wasn't! It was in a home in New Rochelle, New York.

If all that in-the-air-dirt hadn't been filtered out, it would have been breathed, scattered in dust on the furniture, and gradually soiled the draperies and walls. Some of it would have settled on the rugs to be ground in, shortening their life.

Then there is the children's side. No end of pains are taken and money spent these days on children's food and to see that they get plenty of healthy fresh air. Having seen to all that, is it fair to bring them into a heat-dry home and let them breathe air that is filled with a dry dust? A dust that carries germs, and dries out membranes making ideal infection collecting points.

These are proven facts you simply can't dodge.

The question therefore is, do or don't you want clean, healthfully-moistened air to breathe!

It costs so little to have clean, sweet air rightly humidified, as a direct part of your heating, that surely the cost need no longer stand in your way. It need not, that is, if you put in the Burnham Unit-Air Conditioner, that takes up no more room than a grille-enclosed radiator, and actually is a radiator as well.

The Cooling It Does in Summer

Yes, you are right, complete Air Conditioning, as most think of it, both humidifies in Winter and cools and dehumidifies in Summer. But by far the most important feature, so far as health goes, is the Winter cleaning and humidifying of the heated air.

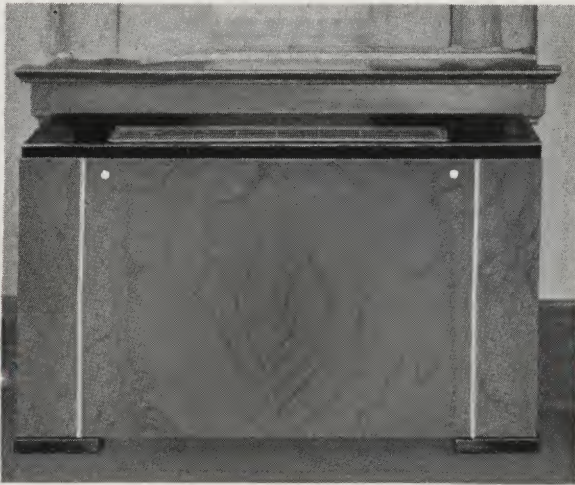
Before you spend any money for cooling, here is a point to bear in mind. The real cause for one feeling the Summer-time heat in a room, is because the air is *dead*. Start that air moving and you feel cooler. That's the "why" of a fan, whether it be the hand-propelled palm leaf, or the usual buzzing electric one.

The Burnham Conditioner, although automatically controlled by a thermostat, also can be furnished with a hand control so you can run the fan only.

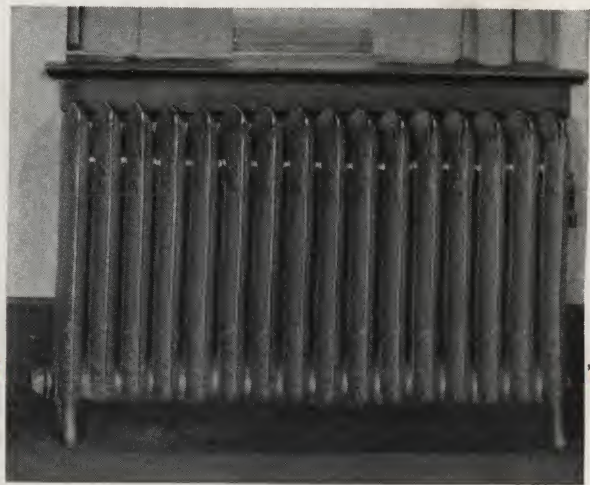
In the Summertime the fan can be turned on, and the deadness of the air overcome by giving it an agreeable movement. Frankly, the air will be no cooler, because it is the same temperature air being circulated. But it will *feel* cooler, because not only has the movement of the air *lightened it up*, but its passage over your skin will cause quicker evaporation, which actually does make you cooler.

Although the complete Burnham Unit-Air cabinet for radiator system of heating is no larger than the usual grille-enclosed radiator, it accomplishes everything that a complicated duct system does. There is no room-taking outfit in your basement. No ducts to clutter it up. No grilles in your baseboard or walls. No registers in the floor.

With the Burnham Conditioner, you can air-condition one or any number of your rooms. No need to condition the whole house unless you want to.

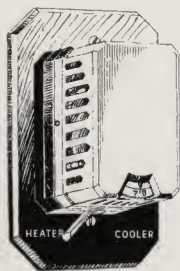


The heating radiator is right inside this attractive air conditioner cabinet. It is finished in burl walnut graining combined with top and feet of black baked enamel. There's just a touch of chromium to add to its pleasing effect. It also contains the air cleaning filters, the humidifier and the motor-driven fan that sucks in the cool air at the bottom and sends the heated air out at the top, pure, sweet and conditioned.



This radiator which it replaced, is larger than the complete Air-Conditioner cabinet. Takes up more room and has far less heating capacity. All it does is heat. The Conditioner not only heats but controls the temperature, filter-cleans the air, humidifies it, and then circulates it, giving it a freshness and buoyancy.

A further caution and some more Important Facts



Combination Hand And Thermostat Control

This combination control can be placed anywhere in the room to your convenience. You set the thermostat at the temperature you want, and it automatically turns the heat on and off by starting and stopping the fan. It can be made to control your boiler thereby giving you 3 points of control which has advantages over the one point control. A complete individual room control if you wish it. Beneath the thermostat is a hand switch, so you can set the Conditioner for either heating or cooling by a mere flip of the switch. Or, if you do not have refrigeration, to take that heavy deadness out of hot Summer days, by keeping the air in constant circulation.

HOPE you won't mind if we caution you once more, not to let anyone make you think that just humidifying the air is air-conditioning it. If that's all you want, then unattractive as they are, you might just as well have water pans sitting around on your radiators.

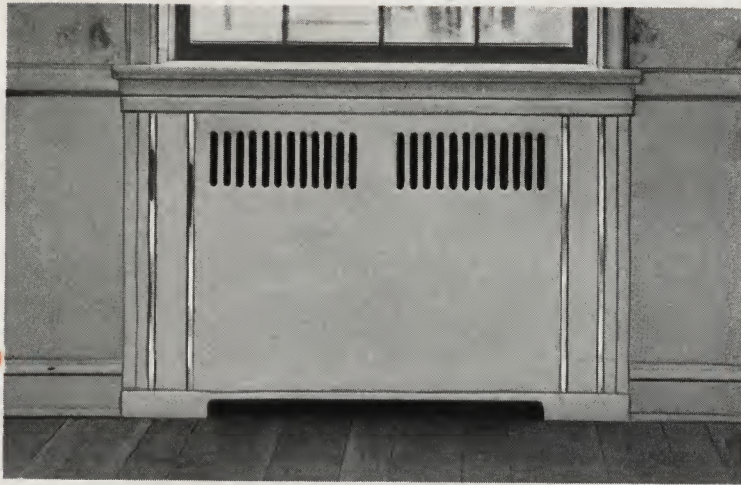
Any kind of heat that does not *also* filter-clean the air, and give it an additional agreeable circulation is not air conditioning.

And always bear in mind that radiator heat is by far the most positive and all around satisfactory of all heats. It heats regardless of the direction of the wind or how hard it may blow.

You can send it anywhere at any time, your garage included, without any restrictions being made by the health authorities.

Radiator Air Conditioning By Far The Best

If, therefore, radiators are the most effective way of heating, they are also the most effective for air conditioning. There is no way of getting around that fact.



This Air Conditioner with its Burnham Panel Front is recessed beneath an outside window. It fits flush with the baseboard. Not the least trouble to install. Screws directly to the wall. The centre of panel is removable for easy access to the conditioner. Furnished in prime coat for finishing in harmony with your color scheme.

Burnham Combines Them

The Burnham Unit Air Conditioner is a radiator plus an air filter, humidifier, and circulator. It is designed to replace a radiator in present system or new house with equal ease and simplicity of installation. It is not an extra piece of equipment but is used to replace the ordinary radiator. Its installation requires no more equipment and but little more labor than to install the familiar radiator.

In many cases two or three radiators may be eliminated thus making the installation easier than when the conditioner is not used.

You still have the same dependable, positive acting radiators, only some of them are the Burnham Unit-Air Conditioners. They can be out in the room or recessed out of the way same as any other radiator.

Separate Room Control

With the Burnham system you can air-condition only one, or all the rooms. In most cases three units are sufficient. One each in the living room, dining room and master bed room is satisfactory. With this system individual control is possible. Varying weather conditions and requirements within the room are easily and quickly met. Has both thermostat and hand controls.

The Matter of Cost

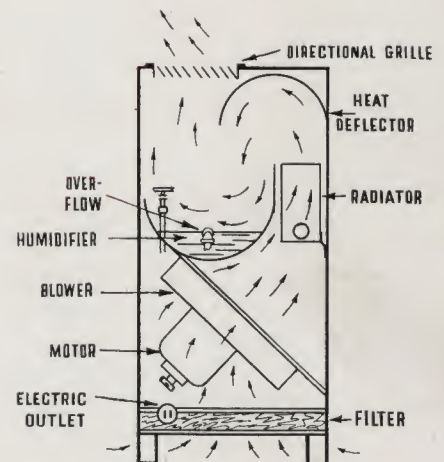
The separate Burnham Unit Air Conditioner makes it possible for the low priced home owner to enjoy air conditioning in one or two rooms. It is so reasonably priced and cost of installation is so low it comes within the reach of the many.

In new house construction, often it costs so little more than an ordinary steam or hot water system that it is negligible.

The separate Unit-Air Conditioners, or the entire Burnham heating system, can be secured through your local heating concerns. If none are available in your vicinity write us and we will gladly arrange to serve you.



Here is a view of the interior part of the Unit-Air Conditioner showing at the bottom the double spun glass dust filter, and above it the 100th h.p. fan, and above it the humidifier. The fan draws the air through the filter, cleans it, and then drives it up against the radiator that heats it. This same unit is used if recessed with grille opening or standing free cabinet.



More About The Humidifying and Deflector Grille

This sketch shows you how the fan driven heated air, is thrown down on the surface of the water in the humidifier, where it picks up its natural content of moisture and then flows out the deflector grille into your room. The deflectors are set at just the right angle to throw the heat away from your draperies and out into the room at a height to give the quickest most agreeable heating results. It does not come out with a blast, but just a gentle steady noiseless flow. You get more and quicker heat from the Conditioner than any radiator alone. It means fuel economy. When the fan is off, no heat is driven into the room. But there is a certain amount coming into the humidifier chamber, causing just enough moisture to be constantly delivered into the room to preserve an agreeable healthy condition.

You Ask Which Is Better the Round or Square Boiler?

NEITHER IS BETTER in the case of Burnhams. But both do best the job they are built to do. So far as economy is concerned, one is just as heat thrifty as the other. Sometimes one costs more than the other—and that often decides it. So let's look each of them in the face and make them tell their own common sense story to you.

THE ROUND BOILER TALKS

YOU SEE IT IS LIKE THIS. I am sort of a tea kettle grown up. A tea kettle with long pants on, so to speak. Because I have always looked like a cross-section between a kettle and the old dining room stove, a lot of folks could understand me. They just put me down as sort of a glorified stove with a tea kettle attachment, that you could hook up to radiators and make everybody heat happy.

"So I sprang into popularity over night. If I do say it myself, there's a lot to be said in my favor. For the moderate size house, you certainly would have a hard time beating me.

"Of course, I have a lot of relations in the round boiler family which I don't take much stock in. They are offshoots of the sturdy old Burnham stock under other names. They have married out of their class and cheapened themselves. You know what that means.

"They doll all up and put on the dog. But somehow I just can't feel sure of them.

"I give you the real blown-in-the-bottle-brand of Burnham Cosy Comfort Heat. The heat from a pure blood Burnham Round Boiler. Burn coal, gas or oil. I make a powerful good showing automatically fired. In fact, am quite a general favorite with the oil burner folks. You will find me a warm friend on whom you can unfailingly depend."

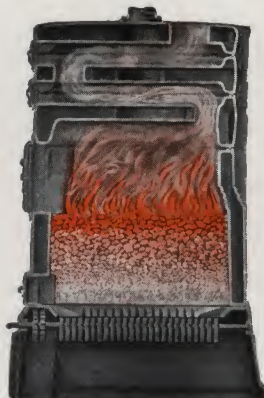


"My head may look swelled. And it is. That's because I'm built to do steam heating as it ought to be done."



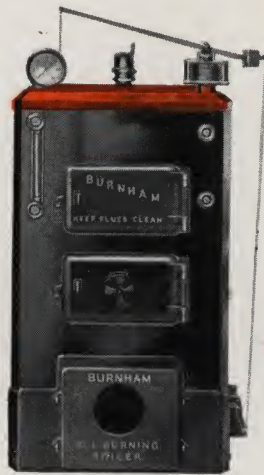
"Here I am with the swelling out of my head ready to do a specially fine job of hot water heating, the way it also should be done."

"It isn't often I open up and let folks in on the inside. But sort of feel I can depend on you. So here I am opened up. Those wrinkles over the fire greatly increase my fuel saving usefulness. But why go into such details here."



"Now you are on the inside, you might as well take a look at my 'inmost innards'. Am built in sort of layers or sections. Note how the hot gases pass back and forth. It is called fire-travel. Because my fire-travel is so long, my coal bills are short."

THE SQUARE BOILER HAS ITS SAY



FOR OIL

"When it comes to heating with oil, you take out my grates and my Burnham family will furnish you with a nozzle plate in place of the ashpit door. I certainly do a satisfactory job of heating with oil."

CONSIDERING how the Burnham Round Boiler is my full blood brother, it just wouldn't do for me to say anything against him. Don't know that I could anyway, he is such a dependable, straight-shooting, sure-fire performer.

"But, as is the case with any two brothers, some like one and some the other. Admittedly, there was a time when more liked him than liked me. But it is about even now, with the odds quite a bit in my favor.

"You see he is built in layers — one on top of the other. I am built in sections, one side by side with the others.

"In cases where the cellar ceiling is low, I have a way of fitting in. Should additions be put on the home, another section can be added to me, when there might not be room for one on top of my round brother.

"So far as heat thriftiness is concerned, don't know as it becomes me to brag a whole lot. Still there are folks who simply wouldn't consider a round boiler. They like my squarish shape fire box and the easy way my grates shake. Some sizes have double grates, making it possible to run half the fire in early fall and spring, when only a little heat is needed. And all the grates when real winter weather comes. There isn't a doubt I save them fuel.

"My fire travel is long. Goes three-times-back-and-forth my full length, regardless of how many, or how few sections I have. It is that long fire travel that makes my short fuel bill, just as it does in the Round Burnham.

"Folks also like my swell clothes. My tailored jacket I'd have you know, is of the latest cut. It fits right into any dolled up cellar or recreation room, and unfailingly does the Burnham family full credit."

FOR COAL

"Here is the way I look when ready to do you a real job of heating with coal. Wish I could show you how thoroughly insulated the inside of my jacket is."

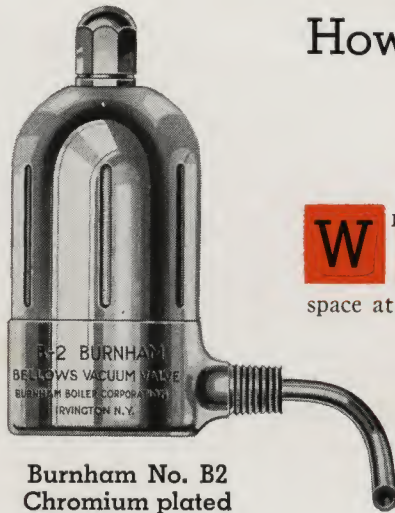


INSIDE INFORMATION

"Had the famous surgeons, the Mayo brothers, cut me open this way, so you could see my long fire travel that makes the Burnham short fuel bill."

The Importance of Air Valves

How they Save you Money



**Burnham No. B2
Chromium plated
Radiator Valve**

It quickly lets the air out and then closes tight so it can't sneak back in, when the radiators cool down.

WHETHER YOU'LL ADMIT IT OR NOT, air is radiator heat's biggest enemy. It is the fighting out of the old law that two things cannot occupy the same space at the same time.

If there is air in your radiators, the steam will do its best to push it out. If there is no vent place, then it will try to compress it—and the battle is on. Sometimes you hear the struggle, in disagreeable knockings and bangings.

Often it results in only a portion of your radiators heating. Or, if you have air venting valves that are not any too good, the air may be let out so gingerly that the slow creeping across of the heat makes you disgusted with the whole heating system.

You may be burning plenty of fuel and still getting only stingy heat. So see to it that each one of your radiators is equipped with Burnham dependable air valves.

One kind lets the air out, but soon as the heat dies down a bit, lets it creep back in. Most valves, sorry to say, are that way.

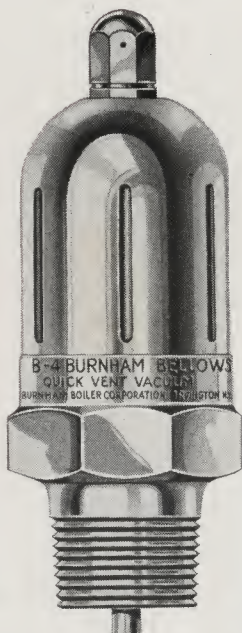
By far the better way is to use the Burnham Valve that both lets the air out and then keeps it out. They cost more, because obviously they are worth more.

It is a smart idea to also vent the mains. That means they are at once freed so the steam can quickly get to your radiators. The air that would otherwise be pushed into the radiators, is let out before reaching them.

Some folks cut costs on their heating by using cheap valves that soon clog up and cease to function.

Burnham valves are chromium plated, and when rightly installed, are unconditionally guaranteed for one year. So see to it that you get Burnhams.

Burnham Air Valves are also available in the adjustable type.



**Burnham No. B4
Chromium plated
Valve**

*for Mains, Coils
and Risers*



**Burnham
No. 6 Valve**

*for quick venting
of air in mains*

Burnham air valves keep those invisible hammer devils from getting into your radiator and raising hob with the peace and quiet of your home.



Your Questions Answered

THESE QUESTIONS are the ones which are most asked either by letter or in person. Some of them may cover just the things you may also want to know. So here they are: However, don't hesitate to ask us anything else you may have in mind. Do it whether it is about just your boiler, or any other phase of the proposed heating you want to surely be satisfactory; or a system that is already in, and not satisfactory. You will find us rather pleasant people to do business with.

ABOUT HEATING IN GENERAL

1. What proportion of the cost of the house will the heating be?

It averages about 9½ per cent. For example, for a house costing \$5,000, at least four hundred and fifty of it would be for the heating. For a \$10,000 one — \$950.

2. Which costs more, hot water or steam, and what is the percentage difference?

Steam costs less. Hot water costs about 20 to 25 per cent more because there must be double the amount of piping and the radiators are 60 to 65 percent larger.

3. Why does hot water require twice the piping of steam?

With steam, the one pipe carries both the steam from the boiler to the radiators, and the condensation from the radiators back to the boiler. With hot water, the entire system is filled with water, and in order to keep in constant circulation must have the same size pipes leading from the radiators to the boiler, as from boiler to radiators.

The radiators have to be much larger because hot water seldom gets much above 180 degrees and averages about 140; while steam is always at least 212 degrees.

To get the same result from hot water as steam, you therefore, must have a larger radiator to make up the difference of from about 40 to 70 degrees.

4. How does Vapor or Vacuum system differ from steam or hot water?

By the use of specially constructed valves, a partial vacuum is created in the pipes and radiators which lowers the boiling point of the water, allowing a hot vapor to enter the pipes several degrees before the boiling point of the water is reached.

The condensation is returned to the boiler by separate small pipes, insuring absolutely no interference with the passage of the vapor.

The partial vacuum created, holds the heat, and the valves prevent the air from returning to the system. Therefore, the radiators hold the heat longer than steam radiators.

The radiators are about the same size as for steam. In effect, you get approximately the same even temperature and economical results as with hot water, with rather more flexibility. Vacuum Systems cost approximately the same as hot water.

5. Which burns the least coal, hot water or steam?

Some claim there is very little difference in the coal you burn. But hot water has an advantage in the way the latent heat in the water keeps right on heating a considerable time after shutting the fire entirely off. When you start the fire you do not have to run the water up to practically boiling point before you get any returns, as with steam.

Hot water begins heating as soon as there is enough heat in it to make the water circulate. Just logically it should save fuel.

6. Can I enlarge a Burnham if we should later on decide to enlarge our house, or must I either buy too big a boiler now, or get an entirely new one then?

Most assuredly you can add to a Burnham as you add to your home. It's built in sections, quite like a sectional book case.

It's one of the strong points of all Burnhams.

7. Which is better the round or square boiler?

Glad you asked that question. It's important. Just turn to page 20.

8. Is there some kind of an attachment I can put on a Burnham, so it will give me a hot water supply?

Yes, indeed there is for steam boilers.

It's one of the cleverest little arrangements you ever saw.

One that fastens right on the side tappings of the boiler.

It is but little larger around than the usual can of tomatoes and about 12 inches long, but it will supply you with from 30 to 100 gallons of hot water every hour.

These heaters are supplied at slight additional cost. For water boilers, a coil can be put right in the fire pot and give fairly satisfactory results.

For the best of results, however, we recommend our regular Burnham hot water laundry stove No. 11, which will supply abundant hot water for the average house.

9. Do we have to buy a Burnham direct from your boiler plants?

Not at all.

All heating men know about Burnhams, even if they may not have them in stock.

You can buy direct from them, and they will order it from us.

Should there not be a boiler man in your town, will be glad to have you write to us direct.

If you are building or remodeling, and employing an architect, see to it that he specifies a Burnham in your heating specifications.

To insure prompt deliveries we have a stock of boilers in fifty main distributing centers.

10. If I buy a Burnham can we be sure of always getting parts?

Just as sure as you can of any boiler.

We have been making boilers for well nigh 70 years and never failed anyone yet.

From the look of things we will be doing business long after you'll need a boiler at all.

Questions about OIL HEAT

1. Do I have to have special radiators or piping for oil heating?

Most assuredly not. The same radiators, the same piping used for any hot water, steam or vacuum system, are used. However, before you decide on the kind of radiators, be sure and give careful consideration to the Burnham Slenderized ones, as told about on pages 8 and 9.

2. Do I have to buy an out-an-out oil burning boiler? Can't I use an oil burner with my present boiler?

Of course you can, and often with satisfactory results. But so much depends on the type of boiler you may have. Just naturally anything designed especially to do a certain job, does that job especially well. All Burnham Boilers because of their particular design, give fine results with the attached burners. But the special Burnham Oil Burning Boiler has certain built-in features and automatic controls which you may feel are a distinct advantage.

3. How about the oil tanks, must I dig a big hole in my yard and a ditch for the pipes from it to the burner?

Not at all. Most States now permit the placing of tanks inside, near the boiler. It is always good to have an ample size tank so you have enough oil in reserve in case of emergencies.

4. How about the comparative economy of automatic as against hand-firing of fuel?

That's a hard question to answer. Hard because the price of coal and oil varies so in different localities. Put it up to your local man. He can give you definite figures. But here's a point you should bear in mind. The burning of oil is entirely automatic. No coal to shovel. No ashes to be taken care of. Your rooms need never get chilly because of the fire "going down" and having to wait for it to "come up," as it's called. Practically the instant the oil burner goes on, a full volume of heat is produced. You can have your house warmed the same at night as during the day at very little, if any, additional cost. That's because it costs less to keep a uniform temperature, than to let it down during the night and then have to overcome all that accumulated cold by running the fire harder and longer.

So even if you are located where coal may be somewhat cheaper, the comfort and practically entire freedom from attention required by oil, over-shadows any variance in cost.

5. Is there any danger of something happening and the oil leaking out all over the place?

How about your water system, are you afraid of that happening? Would you go without piped water through your house, just because now and again a leak happens? With the valving and automatic controls now used there is no more danger with the oil than the water. In fact less, because the oil isn't under any pressure at all until it reaches the flame nozzle that is inside the combustion chamber or fire box.

6. How often should an oil burner be serviced?

Asking your friends or neighbors, one will say once a month. Another every two months. Still another, two or three times a year.

Some car owners always change the oil every 500 miles. Others every 1000. The main thing seems to be, to do it systematically. As burners may vary in the attention needed, the concern you buy yours from can best answer the question. Even an electric ice box has to be looked after now and again. Still you wouldn't go back to the old cake-of-ice method would you? Isn't that after all your real answer?

7. Suppose something happens to the electricity or we can't get oil as soon as needed, can I temporarily burn wood or coal in your Special Oil Burning Burnham?

No you can't, because there is no provision for grates. But you can with a regular coal burning Burnham with an attached burner. But why borrow that trouble? How often do your electric lights go out for long enough a period to be any great hardship? As for the oil supply—that's no real problem these days, any more than it is to get gasoline. The oil companies are generally the gasoline ones. The same dependable service that supplies one, does the other. So why fuss about that?

The coal man might not be able to bring your coal right on the tick of the clock. So why think one is a gamble and the other a safe bet?

8. Does my cellar have to be filled with a network of pipes and wires?

Whoever put that thought in your head? Of course not. Present day installations are down to such a fine point there's practically nothing in sight. One thing sure, there's no coal scoop, pokers or ash cans standing around. What is an electric wire, or pipe or two in comparison?

9. How about the dirt? Is oil heat clean?

Why shouldn't it be—there are no ashes. No coal dust. No anything but a fire that burns up everything.

10. Is there any odor?

Not in the least, if the installation is right and the burner is kept reasonably clean. The first you would insist on anyway. The other you would see was done just because it is common sense. Besides, every once in a while there is a gas from coal. But you never heard of anyone going back to wood, just for that chance occurrence did you?

11. How about noise?

By noise you, of course, mean the burner. As for the mechanism of the burner itself—the electric driven fan mainly—that has been so perfected it is of no consequence. It is the noise of the burning flame that could be the most disturbing. But that's a thing of the past with the Burnham Boiler. Everything is built into the boiler. Everything, burner and all, is enclosed inside the jacket. The burner chamber is lined with a sound deadening material. Even the door. You can rest assured that any burner you may put in this sound-hushed Burnham will be so quiet you and your guests will never know when it is either on or off.

12. How about the jacket on the Burnham Oil Boiler, does it give as good an insulation as the asbestos cement applied directly to the boiler?

Better. Far better. That's proven by the coolness of the jacket. You can put your hand on it at any time. The Burnham jacket is heavily lined with a combination of insulating and sound deadening materials. So you

see, it is something more than mere looks back of the way Burnham jackets a boiler. It adds to looks, lessens noise, and it also spells economy.

13. **Suppose anything happens to the insides of the Burnham Oil Boiler, how can anyone get inside the jacket to fix it?**

Well, before the jacket is put on, the boiler and all the connections are first made. The jacket is no more than your overcoat is to you. If anything, it's easier to take your coat off than put it on. There's your answer about the Burnham jacket.

14. **How can I tell how much room a Burnham Oil Burning Boiler will take up or how high it is?**

All that you will find in our special catalog on the boiler. It is called "Automatic Cosy Comfort Heat." Gives you complete measurements and ratings. Send for it.

15. **Suppose I have trouble with the boiler, who is going to make it right?**

Go to the dealer you bought it from. If it's his fault,

he will make good. If it's our fault he will take it up with us and you can depend on our being only too glad to see it's made right. We want our Burnham users satisfied. It isn't just being pleasant on our part. It's good business. Pleasant dealings and good business, happily make the best of teams.

16. **Where can I buy a Burnham Oil Burning Boiler?**

We don't sell direct. That is, from our factory direct to you. They must come through some dealer or contractor. If you don't happen to know any such in your section, just let us know and we will arrange all that for you.

It is distinctly to your advantage to have your heating boiler installed by an experienced dealer.

There are several oil burner makers who buy our boiler, equip it with their burner, and sell the complete unit. Boiler, burner, jacket and everything. Their reason for doing that is because the many superior points of the Burnham, insure satisfaction with their burners.

Questions on STOKER FIRING

1. **Having concluded I want automatic heat, how shall I go about deciding whether to make it oil or stoker fired coal?**

Well, that's not such a problem. One thing sure, however, if you ask your friends who have oil, they can't sing its praises enough. In turn, the same song of complete satisfaction will be sung by the stokerites. So why not ask us all the questions that are on your mind, and we will try to answer every one of them.

2. **All right then, what I first want to know is the comparative cost of each.**

In the last few years as the number of oil burners sold have increased, so has their cost decreased. The perfecting of stokers has been slower, and sales accordingly, so that in general, they have cost more. But they don't cost any more in the long run. Just why, have a notion some of your other questions will fully bring out.

3. **My next question is, will a stoker save me money?**

Yes, it will. If you have been burning coal, hand-firing it, there will be a decided saving. For example, take the usual size of Anthracite used in boilers, its cost varies from \$12 to around \$14.50 a ton anywhere within say 500 miles of New York. With a stoker you can burn a fine grade coal costing from 6 to 9 dollars a ton delivered. Don't know how many rooms your house has, or is to have, but let's say it requires 10 tons to heat it with hand-firing size coal. At \$12 that would be \$120. At \$14.50 it would be \$145. With the stoker it would cost from 60 to 90 dollars. A saving of from 55 to 60 dollars. Suppose, therefore, the first cost of the stoker is more than an oil burner, the saving on cost of fuel soon overcomes all that, and still you keep on saving that 55 to 60 dollars, year by year. Of course there is the cost of electricity same as with oil burners, and like them they have to be serviced, costing from 10 to 15 dollars a year.

4. **But, you ask, isn't Oil cheaper than Coal?**

Well, its average cost is just about the same as Anthracite at \$12 to \$14.50 a ton, depending on the locality.

5. **How about the electricity used? Does a stoker take more?**

No, it really doesn't. But supposing it did, you have that large saving on fuel cost to many times offset it. So that possible objection is out.

6. **Some of my friends tell me a stoker takes up more room.**

Yes, they do. That is to say they do, if you are comparing an oil burner that is Built-in the boiler—a direct part of it. Of course, then the whole outfit is only as big as the boiler itself. However, if you compare a Conversion boiler, one with the burner on the outside, then the new designed stokers take up but little if any more room.

7. **Explain what you mean by a Conversion boiler.**

It's a coal burning boiler converted to burn oil. More and more are being used. Tell you why. A good many folks know that if at any time the price of oil might be more than coal, or if for some other reasons they might not like oil, to burn coal they would have to buy an entirely new boiler. They would that is, if theirs was one of the Built-in kind. But if it was one of our Burnham Conversion Boilers, at a slight cost for changing the base, they can quickly shift from oil to coal, or from coal to oil.

8. **That sounds good, but are Conversion boilers as economical for burning oil?**

Yes, and no. Admittedly anything that is made to do any one thing the best it can be done, it's only logical it does it best. We make a Built-in boiler, and for years have been making Conversion ones, so that statement is made by us without any prejudice for one or the other. The difference in oil saved in one over the other, is however really not enough to bother about. Besides you always have the distinct advantage of being able to convert from one fuel to the other with our Conversion boiler.

9. **How long would it take to convert one of these boilers from oil to coal?**

Glad you asked that. Two men can easily do it in about a day.

10. What about the nuisance of ashes with stoker-fired boilers?

Frankly, that is the only possible objection to stokers. But after all, isn't it a rather over-emphasized one? Present day stokers automatically remove the ashes from the boiler and dustlessly deposit them in cans. It is no longer a messy, dusty job. Just remove the filled can and replace with an empty one. Sort of like setting out the milk bottles.

11. What about the work of filling the stoker hopper?

You don't need to. Present day stokers automatically bring the coal direct from your bin to the boiler. Fill the bin and the stoker does the rest. This automatic feature does add a bit to the first cost of the stoker. So if you are figuring your first cost with a very sharp pencil, then why not have the hand-filled hopper? No trick to do it. It's a lad's job, in fact. Fill it every 24 hours during the Winter, and every 3 or 4 days in the warmer months. That is, if you intend to use your boiler to furnish all year round hot water, as so many do nowadays.

12. Does a stoker need servicing as often as an oil burner?

No, it doesn't. A stoker requires no more attention than your ice box. Most stoker concerns have a yearly in-

spection service, which includes vacuum cleaning your boiler, going over the stoker, oiling and putting it in apple-pie order. The cost for this ranges from 10 to 15 dollars a year.

13. What happens if the electric current goes off?

Exactly the same thing as happens with an oil burner, or your refrigerator. It stops. But with a stoker the bed of coals will hold fire for 3 or 4 hours. You can also burn wood to tide over the interval. When an oil burner stops—well it just plain stops and that's that. Still, you know, after all nothing is *absolutely* perfect.

14. There's one more question nearly forgot. How about the noise?

There's practically no more noise with present day perfected stokers, than with an oil burner or an ice box. So now that you have asked all the questions you could dig up, let us remind you of this. We make all kinds of boilers for every place and purpose. Cast iron ones. Steel ones. Gas burning boilers. Boilers for oil, coal or coke. For more than half a century we have been making boilers. Doesn't it look to you as if we ought to know how best to make them?

Questions on Gas

1. Do you think gas is the coming fuel? There seems to be a lot of talk about it.

Frankly now, we don't claim to be any prophet. But one thing sure, it is fast on the gain.

2. What has started all the talk about using gas for home heating?

Well, in the first place, it is entirely automatic. Just as much so as the water in your bathroom. No filling of bins or tanks. No ashes. No odor. No bother. No noise. Simply a case of connecting up the pipe, and there the gas is, always ready for use at any time.

3. What is meant by its being entirely automatic?

Mostly it means, there are no bothers. Not only is the fuel supplied automatically, but the whole control of its burning and the amount of heat in your home is under full automatic control.

4. Do gas boilers cost more than coal or oil boilers?

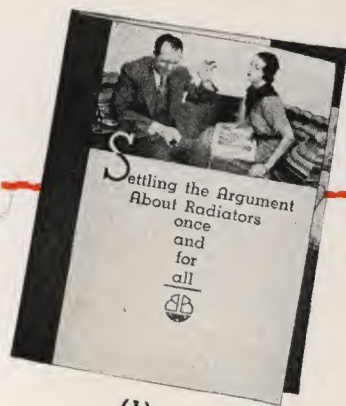
Gas boilers cost more than coal boilers because of their automatic controls, but cost less than a boiler-burner unit.

5. How about the cost of running them?

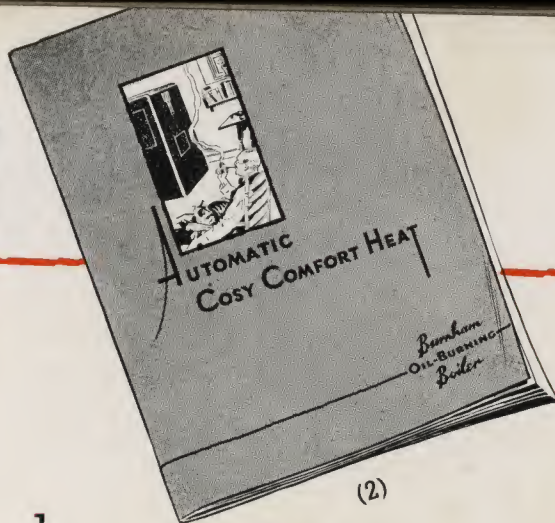
Glad you asked that question. The answer is, if you are in a section where there is natural gas they generally cost less to run than with coal or oil. The gas companies pretty much all over the country are making very attractive new rates for home heating. This makes it possible for many a one to use gas to whom the cost was prohibitive before.

6. Suppose it should cost somewhat more, is it worth it?

Don't know as we can exactly say what a thing is worth to you. So let us in turn ask you a question. Is it worth something to you to have an entirely botherless heat? One the fuel supply for which is always there, (whether or not you watch the coal bin or the oil tank). One that is entirely automatic in every way. One that has a pay-after-you use advantage. One that has no yearly servicing charge. One that is always on tap so to speak, at any time of the year, for as little or as much heat as you need. Also remember that 24-hour free service is available from your Gas Company should it ever be necessary. Assured comfort, entire convenience and a total freedom from care—don't you feel all these are worth something to you? So far as we are concerned, our company makes boilers for all kinds of fuel, putting us in an unprejudiced position. So we have tried to answer all your questions with absolute frankness.



(1)



(2)



(3)

These Books

With the idea of helping you to have contentment of mind and comfort of body from your heating, we prepared these six pieces of printed matter. Let us know if you want any of them, and we will gladly send them free.

1. Radiators

By all means send for this radiator printment. There is so much more to getting the right radiators and the right amount of heat from them, than you might think. There are plenty of illustrations and help hints. Am sure you will find things in it which if you don't happen to know, you will certainly want to. Might save money.

2. Automatic Cosy Comfort

It has mainly to do with heating with oil. Told in a friendly, folksy way, quite as if one of your neighbors had dropped in to talk it over. Gives you a clear idea of exactly what automatic heat does for you, in assuring you contentment of mind and comfort of body. Has a number of illustrations you will find particularly helpful. By all means send for this one.

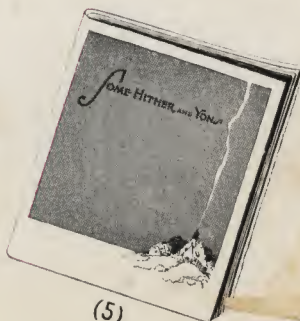
3. Your Home—

How to Winter Air-Condition it

Be sure and send for this booklet. It gives you in a sincere, understanding way, various points and the different sides of the most



(4)



(5)



(6)

Sent Free

important questions on Air Conditioning, as it applies to the comfort and health of your family.

4. Lest You Forget

It starts by putting a string around your finger, and then tells you how it will help you from forgetting. Help you with the things, the remembering of which, helps to get the most heat, from the least coal, with the least bother. Of course, if you are going to burn gas or oil it doesn't fit into your picture.

5. Hither And Yon

Funny name that. But the booklet itself is rather serious. It's about the serious subject of getting the right heat for your particular needs. It is told, however, in a friendly way. There are a dozen or more two-page chapters covering practically everything you should know before deciding on your heating.

It also tells you what to do after deciding, which in a way is quite as important.

6. Witching House

A delightful, personal, home-making experience as told by a man and wife. They bought an old Vermont Colonial farm house and fixed it up. To heat it was a vexing problem which *he* finally solved with *her* very important help. It's a truly charming human tale filled with unexpected help-hints. The way it mixes cards and cupboards, and heat and honey, is indeed illuminating.

IRVINGTON, NEW YORK

Burnham Boiler Corporation

ZANESVILLE, OHIO

BRANCHES

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ELIZABETH, N. J.
CHICAGO, ILL.

CAMBRIDGE, MASS.
BALTIMORE, MD.
LANCASTER, PA.

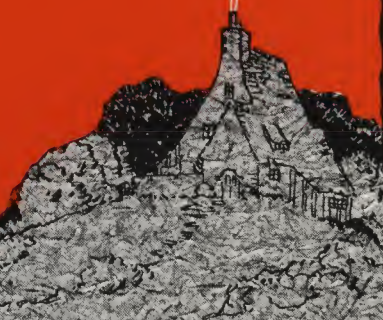
LONG ISLAND CITY, N. Y.
PHILADELPHIA, PA.
PITTSBURGH, PA.

SPRINGFIELD, MASS.
QUEENS VILLAGE, L. I.

TORONTO, CANADA

SHANGHAI, CHINA

Burnham
Home Heating Helps
told in a
friendly
way



Burnham Boiler Corporation
IRVINGTON, NEW YORK

A GUIDE TO BETTER HOMES



WITH DEPENDABLE *Carey* BUILDING MATERIALS



THIS sign designates the Carey dealer. Nationwide, conveniently located for serving home owners, are Carey dealers, ready to supply dependable building materials. This sign is a guide to home owners in their choice of a building material dealer. The fact that a building material dealer sells Carey products is evidence of the fact that he holds quality and satisfaction for his customers first. He is a dealer whose careful selection of the products he handles indicates that he will be equally careful in rendering the best of service to his customers.

Home owners built our Business

THOUSANDS of satisfied home owners throughout the country testify that Carey products fully deserve their reputation for outstanding quality. These friendly customers of ours have built our business by telling other home owners of their experience with our products. Thus as the years pass an enlarging number of customers tell others.

Since 1873 the policy of The Philip Carey Company has been to spare no effort to improve the design and quality of Carey products. Constant research, a careful study of raw materials, manufacturing methods and actual conditions in the field, enable Carey to build extra years of service into their products.

The "Carey" label is your assurance of a dependable product. It represents the accumulated experience of more than sixty years of pioneering and leadership in the manufacture of roofing, building and insulation materials.

We would appreciate an opportunity to serve you, to add your name to the nationwide roster of our home owner friends. Whether your home is large or small you will find us equally desirous of serving you.

THE PHILIP CAREY COMPANY • Lockland • Cincinnati, Ohio





HOW THE CAREY PLAN PROTECTS YOUR HOME INVESTMENT

LOOK AHEAD—before deciding on the materials that go into the construction of your home. Original cost is not the only factor to consider. An inferior product may cost a little less than a good one, but poor materials *cannot* give the same service as the best.

Every pound of raw material used in Carey Products is carefully selected and inspected. Then, as the raw materials are converted into finished products, each step is supervised by skilled inspectors. Finally they are tested and checked by a corps of experts in our Research Laboratory where each product must measure up to the high standard set by them. The result is assured value in the form of extra years of service at a price no more than you would pay for a product of uncertain value.

Regardless of whether you put \$5,000 or \$50,000 into the building of your home, you can give it no better protection than Carey roofing and other building specialties described in this book. Carey products have been time-tried and time-tested on thousands of homes in all parts of the country. You can buy Carey Products with the complete assurance that you will receive the years of dependable service that you can rightfully expect from your investment.

Your Carey dealer will gladly give you full information, show samples and quote prices on Carey Products. See him today—if you don't know his name get in touch with the nearest Carey Sales Office listed on the back cover of this book or drop a postcard direct to The Philip Carey Company, Lockland, Ohio.

ROOFS

Careystone Asbestos Cement Shingles, the permanent roof.
Carey Asphalt Individual Shingles.
Carey Cork Insulated Shingles—Roof and Insulation combined.
Carey Strip Shingles.
Carey Rocktex Home Insulation.

FLOORS

Carey Building and Sheathing Papers for use under flooring.

SIDE WALLS

Careystone Siding (shingle, clapboard and brick units). Fireproof—never require paint.
Carey Building and Sheathing Paper under siding.
Carey Rocktex Home Insulation.

PARTITIONS

Carey Asbestolath Partitions—fire, heat and sound proof.
Careystone Scored Sheathing—for kitchen and bathroom walls.

FOUNDATION

Carey Damp-proofing and Waterproofing Material for outside basement walls.
Careystone Sheathing applied to basement ceilings as a fire stop.

HEATING SYSTEMS

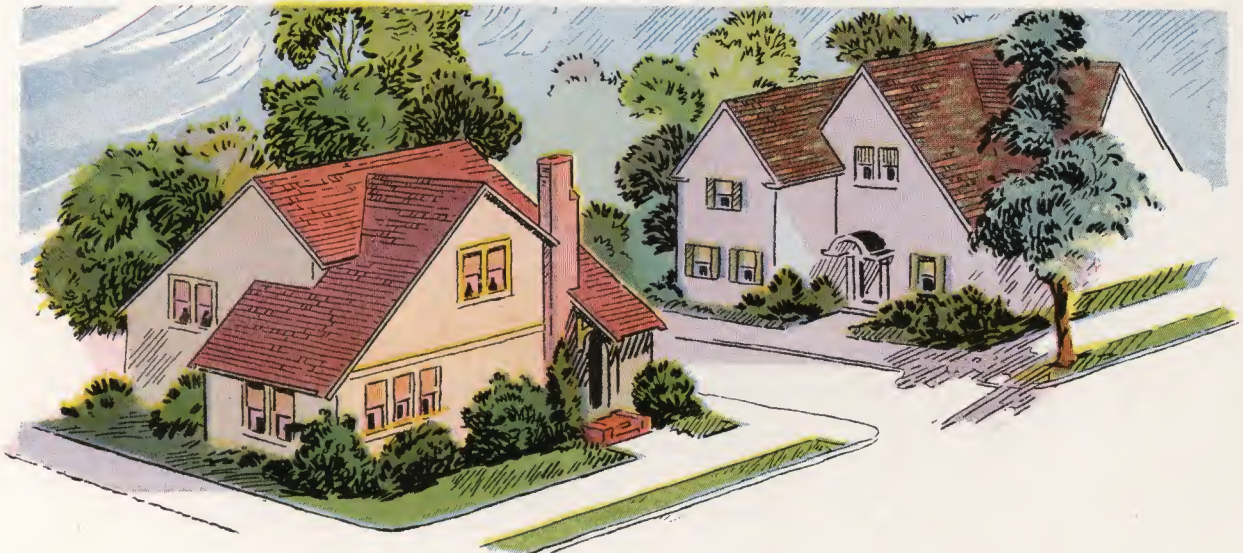
Careycel Insulation for hot water and steam heating systems.
Carey Tank Jackets for hot water tanks.
Carey Pipe Covering for cold water lines, soil pipes, etc.
Carey Insulation for Air Conditioning Ducts.

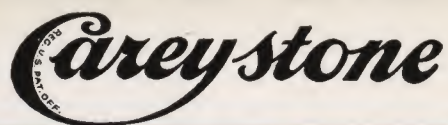
SIDEWALKS AND DRIVES

Carey Expansion Joints to prevent unsightly cracks in concrete work.

BATHROOM CABINETS

Miami-Carey Cabinets are outstanding for modern beautiful design, utility and rugged construction.





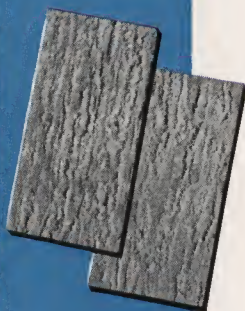
ASBESTOS CEMENT SHINGLE



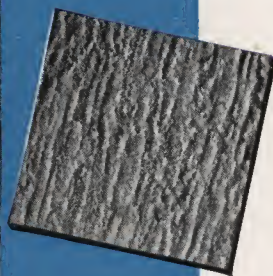
CONVENTIONAL AMERICAN METHOD



STAGGERED AMERICAN METHOD



SCOTCH METHOD



YOU wouldn't think of building a home without a permanent foundation. Can you afford to build without a permanent roof? Think what a permanent roof saves you—in upkeep and repair expense—in insurance against costly leaks—in avoiding the necessity of ripping off old shingles and paying for a new roof. Consider, too, the security of living under a fireproof roof—a roof on which sparks, embers and even burning brands fizzle out harmlessly. In addition you get the benefit of the lowest fire insurance rates.

All these advantages—all these savings—are yours with a roof of Carey Asbestos Shingles! Once laid, your roof worries are over for all time—you have only to enjoy the beauty and trouble-free protection these shingles give.

AMERICAN METHOD

(Heavy and Standard Weights)

Careystone American Method Shingles are $8\frac{1}{8}$ x $16\frac{1}{4}$ inches in size and are made in two weights. The heavier shingle being $\frac{5}{16}$ of an inch thick and weighing approximately 650 pounds per square, made on special order only (100 square feet of roof surface). The standard weight shingle is $\frac{3}{16}$ of an inch thick and weighs approximately 465 pounds per square.

Careystone American Method Shingles can be applied in the conventional manner as shown in the top illustration at the left or in the staggered method of application as illustrated. Various colors may be combined to produce many attractive effects.

Colors: Windsor Gray, Georgian Red, Weathered Brown, Tudor Black, Bristol Green.

Underwriters' Class A Label on both weights.

SCOTCH METHOD

Careystone Scotch Method Shingles have the texture and appearance of the American Method but cost little more than the French method. An excellent shingle for homes where the element of cost is an important factor.

Size: 16 x 16 x $\frac{3}{16}$ inches.

Colors: Windsor Gray, Georgian Red, Weathered Brown, Tudor Black, Mottled, Bristol Green.

Weight: Approximately 320 lbs. per square.

Underwriters' Label Class B.

. . . . FIREPROOF AND PERMANENT

CAREYSTONE SHINGLES are different. They are surface ridged and fissured to give that time mellowed, weather-aged look that formerly only age could bring. By a scientific process, selected Portland Cement is re-inforced with everlasting asbestos fibres and combined under great pressure into a permanent shingle possessing natural properties that enable it to resist the destructive influences of time, and in addition, possess that peculiar property of increasing in toughness and strength upon exposure to the elements. They never require painting or other upkeep expense, and will last as long as the home upon which they are applied.

DUPLEX SHINGLES

(Duplex No. 1—Duplex No. 2)

Made on special order only.

Careystone Duplex shingles cost less to apply because each shingle is double and only half the number of shingles must be handled to cover a given space and in addition, the side notch makes them self-spacing and self-aligning, thereby permitting faster application.

Duplex No. 1 is made with uniform width tabs for those who prefer a definite roof pattern. Duplex No. 2 is made with tabs of two different widths which are automatically alternated when applied, making a roof of broken pattern.

Quantities of No. 1 and No. 2 Duplex shingles can be furnished so that when applied they produce a random width effect which adds greatly to the appearance of any roof.

Both No. 1 and No. 2 Shingles are 16 x 16 x 3/16 inches. Duplex No. 1 has two uniform tabs each 7⁵/₈ inches wide. Duplex No. 2 has one tab 5⁵/₈ inches wide and one tab 9⁵/₈ inches wide.

Colors: Windsor Gray, Bristol Green, Georgian Red, Weathered Brown and Tudor Black.

Weight: Approximately 465 lbs. per square.

Underwriters' Label Class A on both Nos. 1 and 2.

FRENCH METHOD

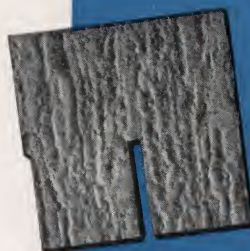
Made of Careystone (Asbestos and Cement) but with a smooth stone-like surface combining beauty, protection and permanent service at low cost.

Size: 16 x 16 x 3/16 inches.

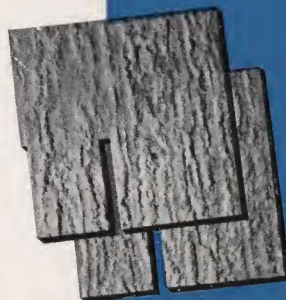
Colors: Gray, Red, Brown, Black, Mottled, Green.

Weight: Approximately 265 lbs. per square.

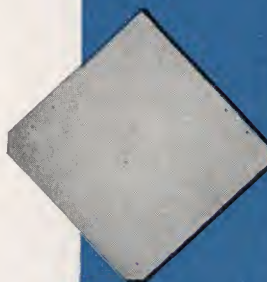
Underwriters' Label Class B.



DUPLEX NO. 1



DUPLEX NO. 2



FRENCH METHOD



ASPHALT INDIVIDUAL SHINGLES

ASFALTSLATE SHINGLES

(Large and Small Sizes)

Carey Asfaltslate Shingles represent the standard of quality in composition roofs. Conventional in design with full three thickness coverage to assure the maximum amount of roof protection. These shingles have a base of tough rag felt thoroughly saturated and coated with asphalt. A layer of colored mineral granules is applied to provide a durable wearing surface. Carey Asfaltslate Shingles are built especially rugged and substantial to give extra years of trouble-free service. Heat, cold, wind, rain and climatic proof against all ordinary fire risks such as flying sparks from chimneys and burning brands from neighborhood fires. There is a sense of security and satisfaction in knowing that your home is protected from fire, weather and against time with a roof of Carey Asfaltslate Shingles. Carey Asfaltslate Shingles are offered in two sizes. The large size is 12 x 16 inches and weighs approximately 315 pounds per square. The smaller size is 9 x 12 $\frac{3}{4}$ inches and weighs approximately 240 pounds per square.

Colors: Indian Red, Dixie Green, Empire Green, Blue-black and Colorblend. The large size is also furnished in Tapestry and Tile Red. Underwriters' Class C Label on both sizes.

CAREYLOK SHINGLES

(Extra Heavy and Standard Weights)

The composition of Careylok Shingles is the same as Asfaltslate. They are designed to meet the demand for a weather tight, storm proof, snug fitting roof at a minimum price. They have conventional, straight vertical and horizontal lines so much preferred by the home builder and are held firmly in place with a special copper anchor. Careylok shingles are designed so that they can be laid on the roof at a great saving in material and labor cost. They can be applied with single or double coverage depending on the length of service desired.

A sheet of asphalt saturated felt weighing not less than 30 lbs. per 100 sq. ft. or preferably a Carey roll roofing should be laid on the sheathing board before Careylok shingles are applied.

Careylok Shingles are 12 x 16 ins. in size and are made in three different weights. The extra heavy shingle weighing approximately 155 pounds per square, the medium weighing 154 pounds per square and the standard shingle weighing approximately 135 pounds per square.

Colors: Indian Red, Dixie Green, Empire Green, Blue-black, Tapestry and Tile Red. Underwriters' Class C Label on all weights.



LARGE SIZE ASFALTSLATE



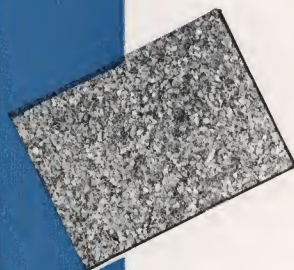
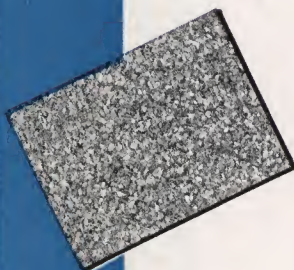
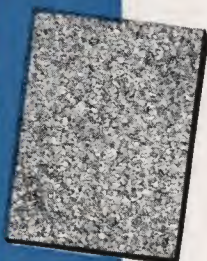
SMALL SIZE ASFALTSLATE



EXTRA HEAVY CAREYLOK



STANDARD CAREYLOK





ASPHALT STRIP SHINGLES

THE manufacturing methods used to produce Carey Strip Shingles are the same as used in manufacturing Individual Carey Asphalt Shingles, except that in the final operation the finished shingle is cut into multi-units (2, 3 or 4 shingles in one strip). A feature of Carey Strip Shingles is that they can be applied faster than Individual Shingles, which means a saving in application cost.

SQUARE TAB SHINGLES

(Two Weights and Three Sizes)

Carey Square Tab Strip Shingles when applied to your roof give practically the same effect as individual asphalt shingles. They are made in two different weights and three different sizes and are furnished in the following colors: Indian Red, Tile Red, Dixie Green, Empire Green, Blue-Black, Tapestry, Colorblend.

HEXAGONAL STRIP SHINGLES

(Four Weights and Three Sizes)

Carey Hexagonal Strip Shingles when laid on the roof, produce the effect shown in the top illustration at the right. This type of shingle is made in four different weights and three different sizes to meet the various requirements of service and cost. They are available in the following colors: Indian Red, Tile Red, Empire Green, Blue-black, Tapestry, Dixie Green and Colorblend.

ROLL ROOFING

To meet the demand for a good low priced, quickly applied roofing material, the Philip Carey Company offers a complete line of ready-to-lay roll roofings in various weights and finishes to meet every requirement.

BUILDING PAPERS AND FELTS

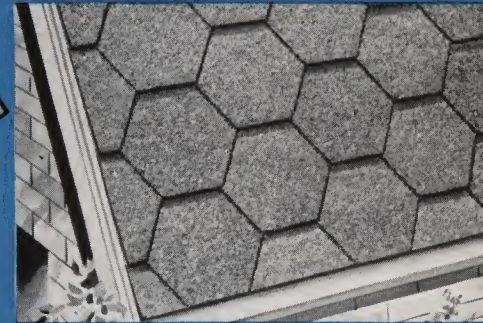
Carey Waterproof Building Paper keeps out dampness, grit and wind, thus insuring a more comfortable home. Various types and weights of Building Paper are manufactured to meet practically every requirement in the construction of the home.

BUILT-UP ROOFS

For flat roofs where shingles would not be practical, Carey Built-up Roofing is recommended. If the plan for your home calls for a flat roof construction be sure to find out about these time tried Carey Built-up Roofs.



SQUARE TAB STRIP SHINGLES



HEXAGONAL STRIP SHINGLES





Careystone

ASBESTOS CEMENT SIDING

HOME builders have long realized the economy of using fireproof, maintenance-free materials in the construction of their homes; with the development of Careystone Siding they can now secure all of the charm of wood shingles in a fireproof, permanent material that never needs paint. Careystone Siding Shingles have the appearance of attractive wood shingles. The texture is an exact reproduction of wood grain set in everlasting Portland cement and asbestos fibres.

The reduction in upkeep expense makes Careystone siding a splendid investment. When your home is covered with this permanent material it will never be necessary to spend a penny for painting the side walls.

These many advantages should prompt every home builder to investigate this revolutionary siding material.

"V" TOP SIDING

Careystone V Top Siding gives complete weather protection and at the same time presents a very pleasing and architecturally correct appearance due to the American Method of application. The saving in material as a result of the cone shaped top and the economy of application caused by the size of this shingle result in a surprisingly low original cost.

Size: 16 x 16 x 3/16 ins.

Total 120 pieces per square.

Head lap 1". Exposure 7½" x 16".

Colors: Manchester Gray, Mottled.

Weight: Approximately 275 lbs. per square.

QUEEN ANNE SIDING

The decided vertical lines of Queen Anne Wide Spaced Siding are particularly adaptable to bungalows or one-story buildings where an impression of height is desired.

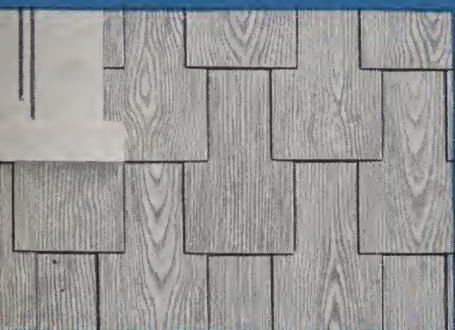
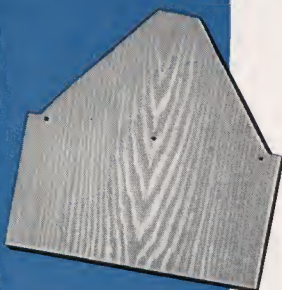
Size: 8 x 16 x 3/16 ins.

Color: Manchester Gray.

Weight: Approximately 245 lbs. per square.



"V" TOP SIDING



QUEEN ANNE SIDING



FIREPROOF ■ PERMANENT

CAPE COD SHINGLES

This unit with its straight horizontal lines can be used effectively on tall residences or buildings where it is desired to diminish the appearance of height.

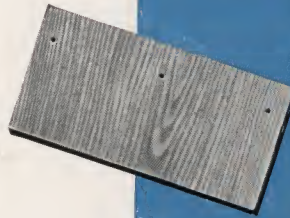
Size: 8 x 16 x 3/16 ins.

Exposure: 5 1/2 x 16 ins.

4 rolls (220 feet) 7 1/4 in. wide aluminum surfaced waterproofing felt furnished with each square to waterproof vertical joints.

Color: Manchester Gray.

Weight: Approximately 255 lbs. per square.



CAPE COD SIDING

CLIPPED CORNER SIDING

The appeal of the beautifully grained surface of this shingle together with its attractive vertical lines makes this a most desirable unit and its self-aligning method of application causes it to be unusually economical.

Size: 8 x 16 x 3/16 in. 147 shingles per square.

Exposure: 7 x 14 ins. 1 in. head lap, 2 in. side lap.

Colors: Manchester Gray, Mottled.

Weight: Approximately 225 lbs. per square.



CLIPPED CORNER SIDING

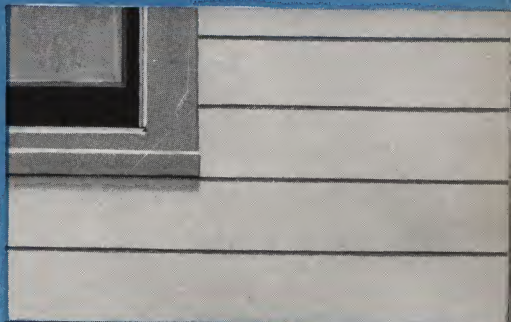
COLONIAL CLAPBOARDS

One of the finest siding units ever developed. Can be effectively used on almost every style of architecture. It also produces a pleasing contrast when used in conjunction with other types of Careystone Siding Units, whether for upper story or gable end treatment. Recommended for Gables and Sidewalls.

Color: French Gray.

Weights: 1/4" approximately 325 lbs. 5/16" 410 lbs. per square.

Sizes: 1/4 x 9 ins. by 8 ft. and 5/16 x 9 ins. by 8 ft. Headlap 2 ins. Exposure 7 ins. Drilled for nailing on 11 3/4 in. centers.



COLONIAL CLAPBOARD SIDING

OLD COLONY CAREYSTONE

Combines attractive appearance with economy of application. Ideal for use over old wood siding or on new construction where the element of cost is an important factor.

Size: 12 x 32 x 3/16". 42 pieces to the square.

Color: Manchester Gray.

Weight: Approximately 190 pounds per square.



OLD COLONY CAREYSTONE SIDING



Choose your Color

DEPENDABLE, waterproof protection always has been and always will be the first requirement of a good roof. But today home-owners are no longer content with a roof that merely keeps out the weather. They want a roof that adds charm to the house—for they recognize that the roof is a dominant feature in the design of any home exterior. In fact, half of the average house, as seen by the man in the street, is roof. How important, then, that you select a roof that is in complete harmony with the architecture of the home. A roof that in color and texture gives just that added touch of dignity and charm needed to emphasize the character of the home.

Too often we see homes where the selection of shingle colors seems to have been made with little consideration

CAREYSTONE • ASBESTOS • CEMENT • SHINGLES



Tudor Black

Colorblend

Georgian Red

Bristol Green

Windsor Gray

Weathered Brown



for the permanent appeal which that roof should bring to the house. Therefore Carey colors, while adequately wide in variety, are confined to colors of everlasting appeal; in permanent harmony with the architecturally correct exterior.

Carey Shingles are available in nature's own colors—warm reds, cool greens and blended tones as reproduced below.

Carey Shingle colors have been developed after years of experience in satisfying the individual preferences of home owners and the rigid requirements of architects and contractors. We will gladly furnish samples of any of these colors so that you may try them in various combinations and in this way be entirely confident that your final color selection is right.



CAREY • ASFALTSLATE • SHINGLES



Colorblend

Indian Red

Dixie Green

Tapestry

Tile Red

Empire Green

Blue-Black

it's the Top IN ROOFING VALUE

Carey

CORK INSULATED SHINGLES

Carey Cork Insulated Shingles cost but a fraction more than ordinary shingles. They keep your home warmer in Winter, cooler in Summer, and give that deep shadow line that adds so much to the beauty of the finished roof.

HOW TO KEEP the home cooler in summer and warmer in winter is a problem every homeowner is trying to solve. The Philip Carey Company's answer is a unique roofing material that sheds heat and cold as well as water. Carey Cork Insulated Shingles are made in the same manner as Carey Asfaltslate Shingles, but during the process of manufacture, a layer of granulated cork is added to the under-side of the shingle, thus providing an effective roof insulation that is automatically applied at the same time the roof is put on, eliminating the extra cost of material and labor involved when separate roof insulation is used.

Carey Cork Insulated Shingles will keep your home many degrees cooler in summer and correspondingly warmer in winter with a substantial saving in fuel.



This Cork Insulated Shingle is an exclusive Carey Product, fully protected by patents and can be secured only through Carey Dealers.



Home of W. S. Taylor, Sledge, Miss.
"We are very pleased with the appearance of our roof and the insulation against cold weather.
"One of the reasons we selected your shingle was the insulation, and we are pleased to advise that it has lived up to your representation." W. S. Taylor



Home of Robert L. Stevenson, Medford, Mass.
"Proof of the value of the insulation of these shingles is shown by the fact that always during a snow storm the roof will retain the snow for a longer time than surrounding homes with ordinary shingles." Robert L. Stevenson

PROTECTION ■ INSULATION BEAUTY

Careful Laboratory tests have been made with three thicknesses of ordinary shingles and three thicknesses of Cork Insulated Shingles (thickness of a finished roof). When subjected to the same summer heat, an actual difference in temperature of 10 degrees was shown, thus establishing the insulation value of Carey Cork Insulated Shingles as compared with an ordinary shingle roof.

The extra thickness of Carey Cork Insulated Shingles produces beautiful shadow lines on the roof, and the additional asphalt coating into which the ground cork is embedded greatly increases their water-proofing value, and adds many years to the weather resisting life of the roof itself.

MANY TYPES TO CHOOSE FROM

You will find just the kind of Cork Insulated Shingle that pleases your taste and is in harmony with the color and architecture of your home. All types of Carey Asphalt Shingles are now available with Cork Insulation.

On thousands of roofs throughout the country, Cork Insulated Shingles have demonstrated their long lasting roof service and insulating value. Below are shown a few of these homes together with excerpts of letters received from the owners.



The shapes and colors of Carey Shingles have been developed after years of experience in satisfying the individual preferences of home owners and the rigid requirements of architects and contractors.



Home of M. A. Garrett, Nashville, Tenn.
"When we built in 1928, we selected Carey Cork Insulated Shingles on account of their insulating qualities.
"The shingles are as good today as when first applied and the rooms are comfortable summer and winter."
M. A. Garrett



Home of
Edward F. DeVille, Lancaster, N. Y.
"After having this roofing applied, we found for the first time, the upstairs rooms were comfortable for sleeping.
"From our point of view, the Carey Cork Insulated Shingle is an all-weather, year 'round roof because it also saves fuel for us."
Edw. F. DeVille



Home of J. A. Cayce, Nashville, Tenn.
"In 1927 I built a two-story brick house. I have just made a close examination of the roof and I find it in perfect condition. The cork insulation makes our house very much cooler in summer and much easier to heat in winter."
J. A. Cayce



ASBESTO-LATH PARTITIONS

CAREY Asbesto-Lath Partitions were developed to meet the demand for a light weight non-bearing partition that would act as a barrier to fire, heat and sound, and at the same time keep the thickness of the partition down to the minimum.

It provides an excellent plaster base and in it can be accommodated electrical conduits, gas and water lines. The sound absorption qualities of Carey Asbesto-Lath Partitions is far superior to that of ordinary partitions as the asbesto-lath base has high acoustical properties.

There is nothing in Carey Asbesto-Lath Partitions to support combustion or the growth of vermin. They are space-saving, fireproof and economical.

CAREYSTONE ASBESTOS SHEATHING

Careystone Asbestos Sheathing is fireproof, vermin-proof and rustproof. It is weather resistant and may be used for either exterior or interior sheathing. It is readily cut, drilled and sawed and is used for walls, ceilings, paneling and partitions. It can be applied directly to wood studding and may be decorated in any fashion.

Due to its fireproof qualities it makes an excellent fire stop when applied to basement ceilings.

Size: 48 x 96 ins. and in thicknesses ranging from $\frac{1}{8}$ " to 2".

Sheets can be cut at factory to any required sizes but material may be easily worked on the job with ordinary carpenter tools.

CAREYSTONE SCORED SHEATHING

Careystone Scored Sheathing is made from the same material (asbestos and cement) as the flat sheathing described above. Each sheet is scored to secure a tile effect (4" x 4" squares). It is used mainly for walls in kitchens, bathrooms, breakfast rooms and other places where a tile effect wall is desirable. It can be easily painted to suit individual tastes and will give the appearance of a tile wall at a great saving in labor and material costs. Careystone Scored Sheathing is easily and quickly applied. It is furnished in sheets 48" x 96" in size and in various thicknesses.



DAMP-PROOFING AND WATERPROOFING

BASEMENTS that are not properly protected against the seepage of ground water become damp and unhealthful. Ground water comes down the outside foundation walls, soaks through the cement and evaporates **INSIDE**, making the basement damp and clammy. To avoid this—to make sure that your cellar will be as dry and healthful as your living room, be sure that Carey Waterproofing Materials are included in your specifications for the construction of your home.

CAREY PERCOPROOF COATING

This compound applied on the outside wall penetrates the pores of the foundation walls and seals out the ground water which insures a dry healthful basement. It can be easily applied by unskilled labor and comes in cans ready for use. Must be applied only to the outside of the wall—preferably while the building is being erected.

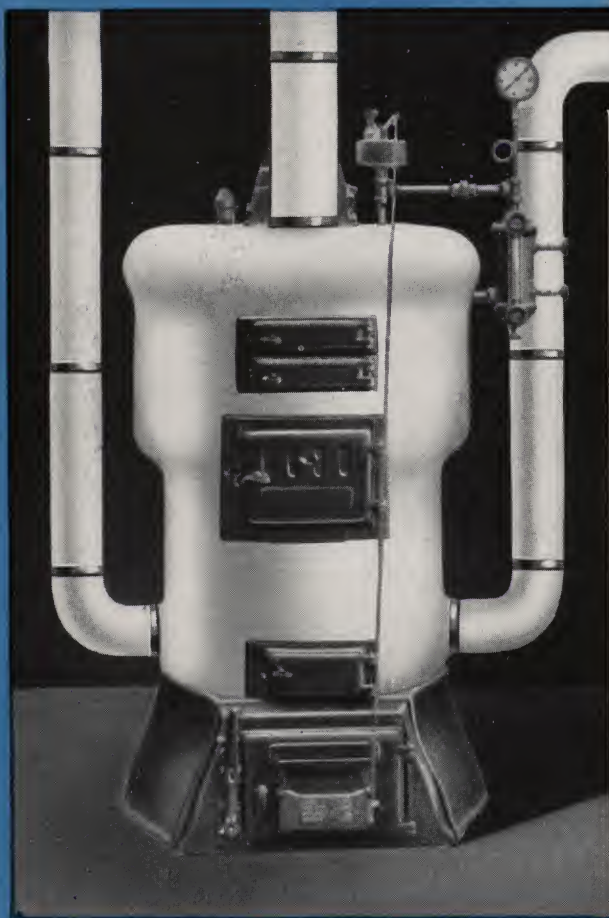
CAREY PLASTIC WATERPROOFING COMPOUND

This fibrous black cement is trowelled onto the outside of the foundation walls forming a tough adhesive thick layer. Used where building is located in low, heavy, more or less soggy, ground, where greater protection is needed than is given by the liquid Percoproof coating described above. Must be applied to the outside of the basement wall only.

CAREY PERCOPROOF PLASTER BOND

Carey Percoproof Plaster Bond prevents moisture soaking through from the outside of concrete, brick or hollow tile walls and causing ugly stains and cracks in the plaster, possibly even causing the plaster to fall. It is applied directly to the wall and penetrates the pores, thus sealing out the dampness. It leaves the original roughness of the wall so that the plaster bonds firmly and permanently. It is of thin paintlike consistency and comes ready to apply with a brush, without the addition of any solvents.





Carey

INSULATION FOR THE HOME

UNCOVERED steam or hot water pipes are radiators. They give off heat just as readily and as fast per square foot of surface as the radiators in your upstairs rooms. They waste heat in basements, hollow walls and other places where heat is not needed. Carey Pipe and Boiler Covering will prevent nearly all of this heat loss with a resulting saving in fuel that will soon pay for the cost of insulation.

HEATING SYSTEM

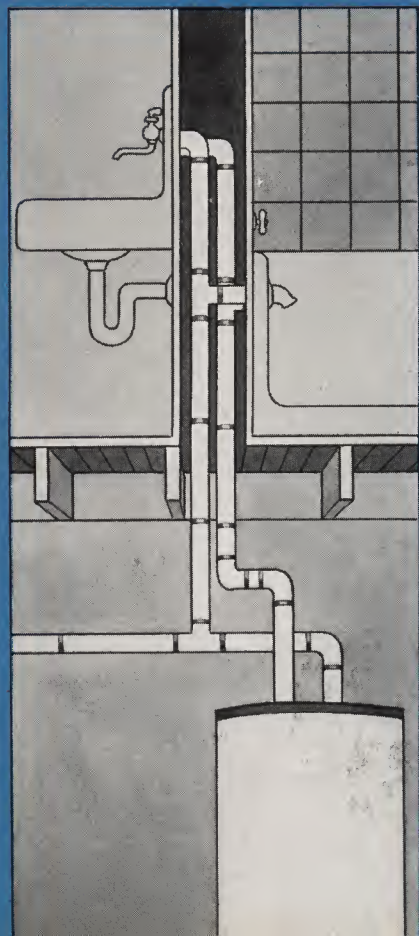
Careycel Asbestos Insulation is an exclusive, patented Carey product, especially designed for hot water and steam heating systems. Impartial tests conducted by a leading testing laboratory demonstrated a 30% reduction in heat loss over the air cell type of covering ordinarily used. Put Careycel insulation on all pipes leading from your boiler to your radiator. Cover your boiler with Careycel Asbestos Blocks, and the savings in fuel that will be effected will not only pay for the cost of insulating your heating system, but will continue to pay dividends in fuel saved year after year.

HOT WATER SERVICE

When you wait minutes for water from your faucets to get hot you are not only wasting water but also the fuel used to heat it. Cover your hot water heater with a Carey tank jacket. The water will heat quicker and stay hot longer because the heat cannot escape through the jacket walls. The pipes leading from your water heater through the walls to your kitchen and bathroom allow the hot water to cool off. Cover these pipes with Careycel Insulation and keep the water hot right up through the pipes to the faucets. You will save money on your water and gas bills and have plenty of hot water available whenever you want it.

COLD WATER SERVICE

Cold water lines usually run parallel to hot water lines through the walls to the bathroom and kitchen. These cold water pipes are warmed by the adjacent hot water pipes and it is usually necessary to run the cold water for some time to get it cool enough to use. Cover your cold water lines with Carey Perfecto pipe covering and keep the water cool right up to the service faucets and save money on your water bill.



NOISY WASTE PIPES

Objectionable gurgling noises caused by waste water running through the soil pipes between the partitions can easily be overcome by insulating these soil pipes with Carey Perfecto felt pipe covering. Remember all work on pipes leading to the bathroom and kitchen must be done before the walls are closed and plastered. Make Carey pipe covering a part of your plumbing and heating specifications.

SWEATING PIPES

If you, like many home-owners today, are going to make use of your basement as a recreation room, work shop or laundry, be sure to cover your cold water lines with Carey Perfecto, the non-sweat insulation. It will eliminate dripping pipes, which cause no end of inconvenience.

If you plan to have your home air conditioned be sure to get full information on Carey Insulation for air conditioning ducts.

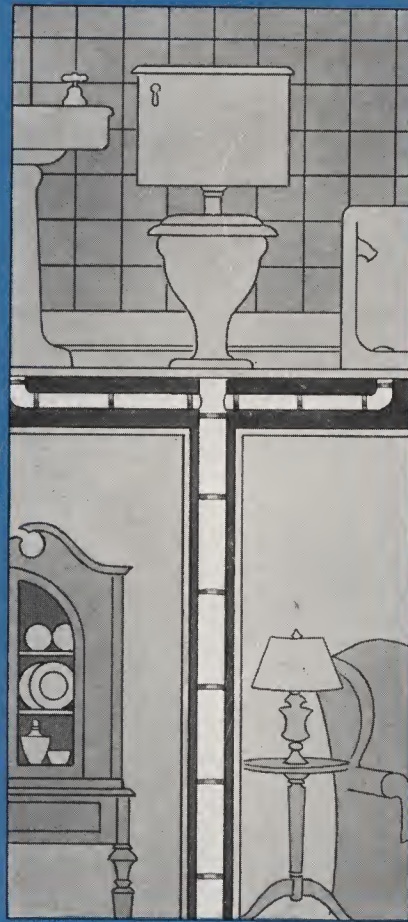


EXPANSION JOINT

To prevent unsightly cracks in concrete drives, sidewalks, garage floors and aprons, be sure to specify Carey Elastite Expansion Joint to be used in such concrete work around the home. Carey Elastite Expansion Joint is available in two types:

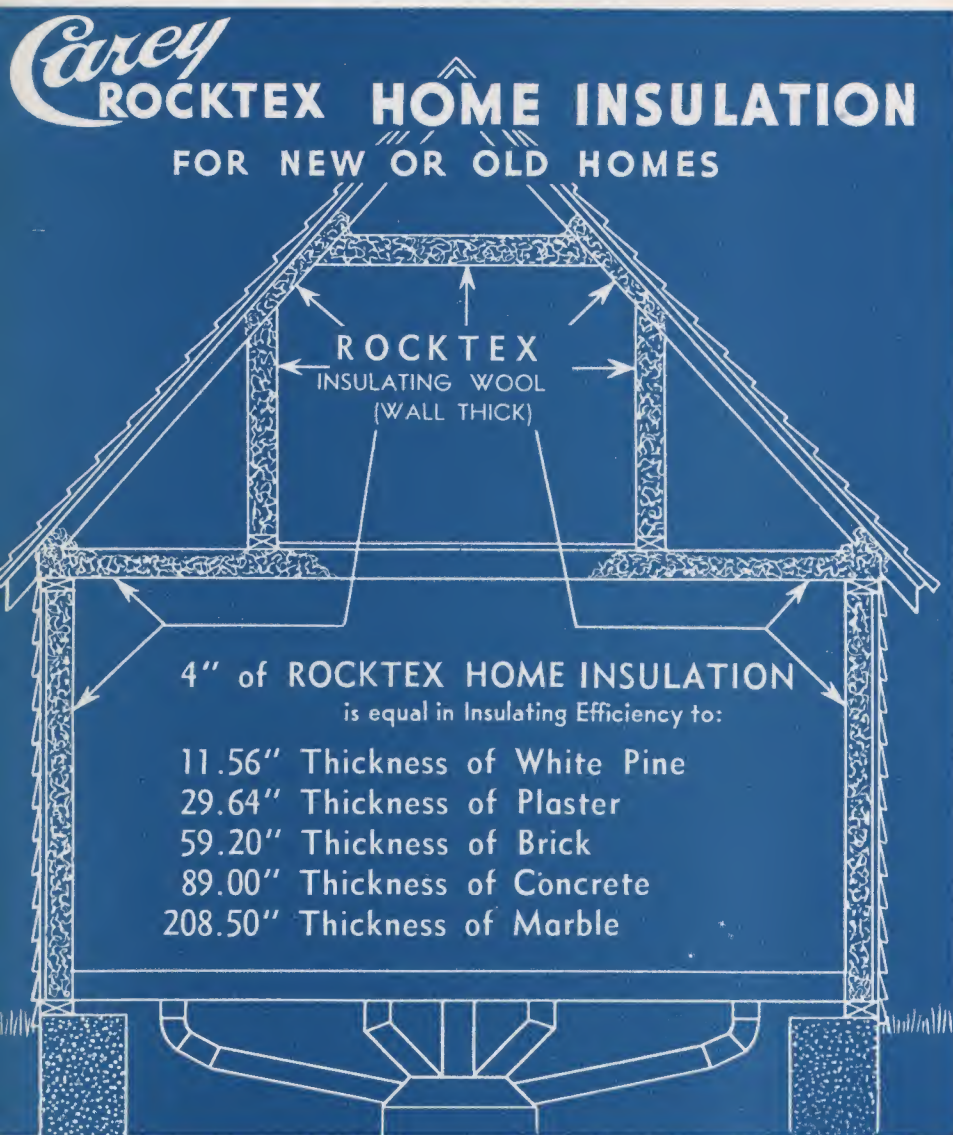
- A. Standard Asphalt Joint which consists of two layers of felt between which is interposed an asphaltic composition.
- B. A sponge rubber type of joint that is resilient and which, when compressed by the expansion of concrete, will not extrude.

The function of these joint materials is to take up the expansion and contraction to which concrete is subjected on account of the variations in the temperature and climate. The use of Carey Elastite Expansion Joint safeguards your drives, walks, etc., against breakage due to this expansion and contraction.



ROCKTEX KEEPS YOUR HOME

warmer IN WINTER cooler IN SUMMER



Lower Fuel Bills—A saving of 25% to 40% of fuel costs can be secured by thoroughly insulating with Rocktex and this saving continues year after year during the life of the house.

Uniform Temperatures—Rocktex does away with slow heating bedrooms, frigid bathrooms, drafty floors and stairways. Uniform temperatures are possible upstairs and down with less fuel. Attic areas may be converted into comfortable sleeping quarters.

FACTS

ABOUT ROCKTEX

CAREY Rocktex is a light, fluffy, white, wooly material—the result of a scientific blending of raw minerals, melted and blasted into fine silky fibres which entrap millions of tiny dead air spaces.

Warmer in Winter—No rooms are hard to heat in a Rocktex Insulated Home. The top floors will be as comfortable as the lower floors on cold, blustery winter days and nights.

Cooler in Summer—Hot, sleepless nights are a thing of the past in a Rocktex Insulated Home. It keeps the sun from increasing the temperature in the upstairs rooms. Temperatures may be reduced as much as 20 degrees.

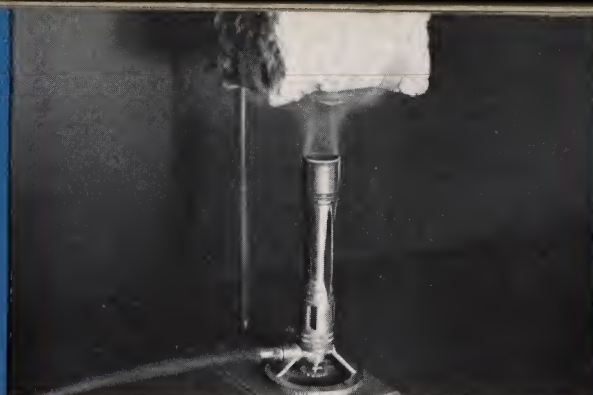
Healthful Indoor Conditions—Indoor conditions are improved by elimination of interior drafts caused by unequal temperatures throughout the home, both upstairs and down. Stairway and floor drafts eliminated.

Cost—An installation of Carey Rocktex in your attic costs no more than a paint job on your home. If you insulate your walls, the cost would be about double the cost of painting your home. A house is painted about every three years, but you only have to insulate once, and you actually get a saving in fuel that pays for the installation in a matter of a few years and remember there is no upkeep cost on insulation.



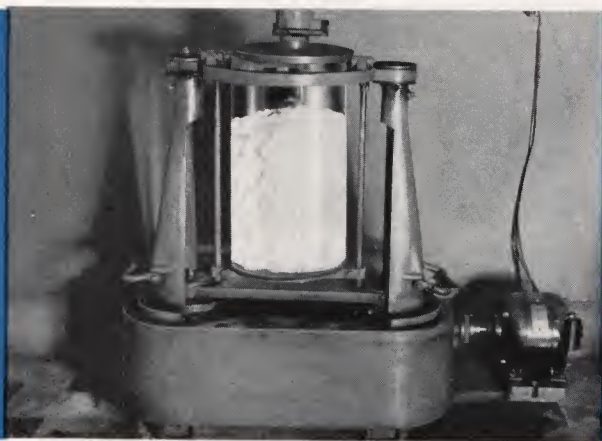
WATER REPELLENT

Rocktex is specially treated to resist moisture. It has no capillary attraction, therefore dampness will not affect the insulating value of Rocktex. It protects the interior decorating of walls and ceilings from the well known lath marks caused by wall sweating and heat filtration. Insist that your insulation be water repellent Rocktex.



FIREPROOF

Rocktex Insulating Wool is fireproof. It is manufactured at a temperature above 3000° F. Photograph shows Rocktex being subjected to a continuous temperature from a bunsen burner without any damage. The rocky materials used in making Rocktex are fireproof—Rocktex is *not* treated with foreign materials to make it fireproof.



STABILITY

Photograph shows a vibration test being made on Rocktex loose fibre material. The material was packed to the density used in home insulation. After one million violent jolting vibrations, it was found that the wool really expanded instead of settled. This test proves the stability of Rocktex Insulating Wool.



SPECIFY FULL THICKNESS

For best results in walls, use full wall thickness and on ceilings use not less than four inches—six inches is recommended—it gives you increased comfort. Your investment in Rocktex is only 2% to 3% of the total investment in your home yet it will save you up to 40% on your winter fuel bills. No other investment in your home would give you this return. Can you afford to overlook Rocktex?

ATTIC FLOORS

Installed above the top floor ceiling area of a home, Rocktex will stop about 89% of the heat flow through the lath and plaster, making the home more comfortable with a definite saving in fuel.



WALLS

Rocktex installed in the walls of a new house. Rocktex will stop about 73% of the heat flow through these walls and will continue to do so for the life of the building without any upkeep cost.



BEAUTY & UTILITY CHARACTERIZE MIAMI-CAREY BATHROOM CABINETS

THE first requisite of a bathroom cabinet is a graceful design that will add a distinctive touch of beauty. Miami-Carey Cabinets are beautiful as well as useful. The bathroom cabinet is much used; therefore, it must be rugged in construction. It must be so designed and constructed that it will give a lifetime of useful service under the most adverse conditions. Miami-Carey Cabinets meet these requirements one hundred percent.

The trade name "MIAMI" is internationally known and accepted as the standard of quality in bathroom cabinets. The distinctive Miami-Carey designs, backed by fifteen years experience, will appeal to those who demand the ultra-modern in bathroom equipment.

Miami-Carey cabinets are constructed of ARMCO autobody steel, finished in Miami CRYSTAL SNOW. Mirrors are copper-backed and guaranteed for five years against silver spoilage. Hinges are of the piano type, chromium-plated.

Miami-Carey designers and engineers work in close co-operation with architects, builders and home owners. Architects are invited to call on us for sketches and helpful suggestions to meet unusual requirements. If more complete details are required on any cabinets listed in this catalog, please get in touch with the nearest Carey distributor or write the home office at Middletown, Ohio. See back cover for list of principal branch offices and distributors.

MIAMI CABINET DIVISION, THE PHILIP CAREY COMPANY
MIDDLETOWN, OHIO, U. S. A.

BELOW we show two outstandingly new ideas in modern bathroom cabinets.

The Oxford shown at the right is an ultra-modern bathroom cabinet with the storage cabinets located behind the narrow mirror-doors at either side of center mirror. The center mirror is recessed, and is furnished in regular "A" quality clear glass or the new rose (flesh color). Frame is regularly finished in Crystal Snow (white) or can be

furnished in a special color to match any bathroom color scheme. Light brackets are concealed behind the ground glass panel above the center mirror, providing light directly on the mirror and of sufficient volume to light the average bathroom.

The Powder Puff shown at the left is a dressing room mirror in a new and unique design. Contains no shelves or storage cabinets. The outside frame is chromium-plated. The large center mirror, re-

cessed, is regular "A" quality clear glass or the new flesh color. Side mirrors and bottom shelf of recess are blue. Lights are concealed behind the two side mirrors.

SPECIFICATIONS

The Oxford (Right)

(Patent applied for)

Overall size.....29 $\frac{3}{8}$ x29 $\frac{3}{4}$ in.

Wall opening.....27 $\frac{7}{8}$ x28 $\frac{1}{4}$ in.

Depth, front to back.....4 $\frac{1}{4}$ in.

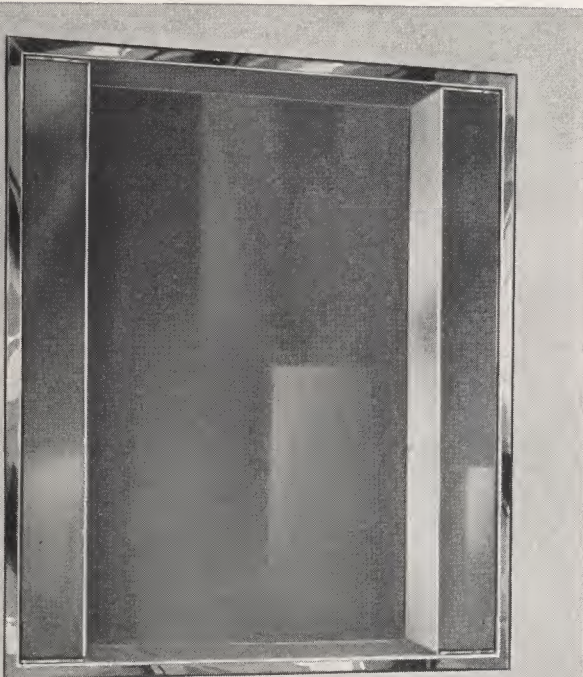
The Powder Puff (Left)

(Patent applied for)

Overall size.....35x41 $\frac{1}{4}$ in.

Wall opening.....34 $\frac{3}{8}$ x40 $\frac{5}{8}$ in.

Depth, front to back.....4 $\frac{3}{8}$ in.



CABINETS WITH LIGHT FIXTURES

MIAMI
CABINETS

MIAMI-CAREY cabinets fitted with the attractive modern light fixtures shown at right mean new beauty in your bathroom lighting at a real saving in cost. The brackets are correctly located to concentrate light where most needed and in sufficient volume to illuminate the entire bathroom. This fixture is of opal glass set in chromium-plated brackets. It gives a very soft and subdued light of ample intensity.

Unless otherwise specified cabinets with lighting fixtures will be shipped completely wired and ready for installation. These fixtures may be supplied with many styles of Miami-Carey cabinets. Consult the nearest Carey distributor or write for details.

The Moderne

Miami-Carey engineers have combined all the utility of the regular cabinet with the beauty of the circular mirror. There is no frame around the mirror. It is attached to the solid steel door with STAINLESS STEEL or CHROMIUM-PLATED mirror clips. When installed in the wall, the cabinet does not show. The ingenious hinges on which the door is swung permit the mirror to be pulled outward so that the mirror is only a few inches from the face. The cabinet is constructed of heavy gauge ARMCO autobody steel, finished in Miami CRYSTAL SNOW white. Two shelves, adjustable to four positions. The mirror is "A" quality COPPER-BACKED, guaranteed for five years against silver spoilage. Mirror is 26 inches in diameter. Cabinet, 16x16x4 in.

Miami Dubarry Cabinet-Mirror Ensemble

A Masterpiece of Beauty, Convenience and Completeness

Three pieces—a beautiful, modern recessed mirror with separate cabinets on either side. Center unit has chromium-plated frame and concealed light fixtures behind the ground glass panel at top and the colored mirrors at sides. Center mirror in regular silver or new flesh color. Small side mirrors in blue, green, gunmetal or rose (flesh color).

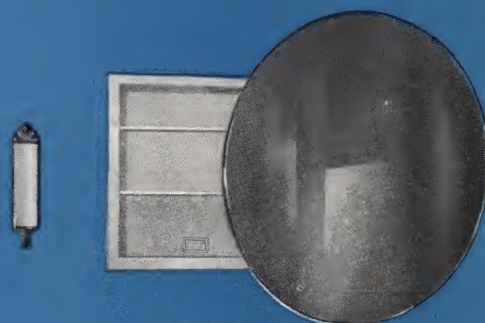
Cabinets, without doors, have chromium-plated frame and are lined with colored mirrors to match side panels on large mirror. Cabinet shelves are also of colored glass.

When ordering, please specify:

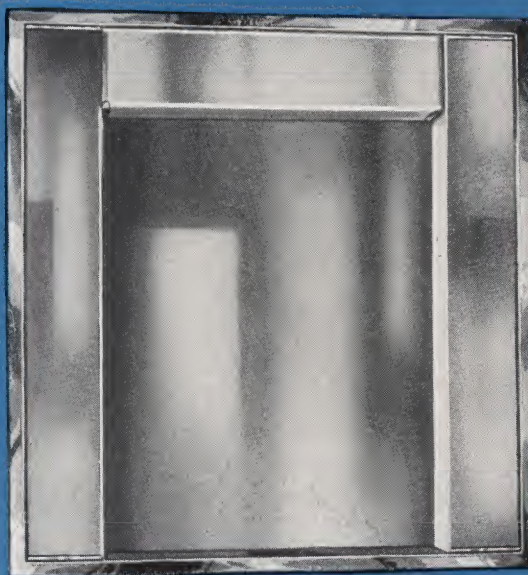
- (1) Color of large mirror in center unit, rose or regular silver;
- (2) Color of the narrow side mirrors in the center unit, blue, gunmetal, rose or green;
- (3) Color of the interior of the two side cabinets, rose, blue, gunmetal or green.



CABINET WITH SIDELIGHTS



THE MODERNE



MIAMI-CAREY VENETIAN MODELS

The cabinets shown on this page were designed by Miami engineers for those whose requirements call for simplicity of design. Set in the wall, they resemble unusually handsome mirrors. There is no knob, hardware, or portion of the body visible. The mirror is hung on the door with the patented Miami mirror clip lined with soft lead. Mirrors are "A" quality glass and are guaranteed for five years against silver spoilage.

No. 750 has Venetian mirror-front without frame.

No. 1622 BF—The mirror is set in a rich black enameled frame. Mirror beautifully etched with flower design.

No. 1622 CF—is similar to the above but has a chromium-plated frame and plain mirror without etching.

VENETIAN MODELS WITH SIDE-WINGS

In the model pictured below, beauty and utility are combined to an unusual degree. The adjustable wing mirrors permit perfect vision of the head, back and shoulders. Used over a dressing table, the unit is an attractive and practical vanity.

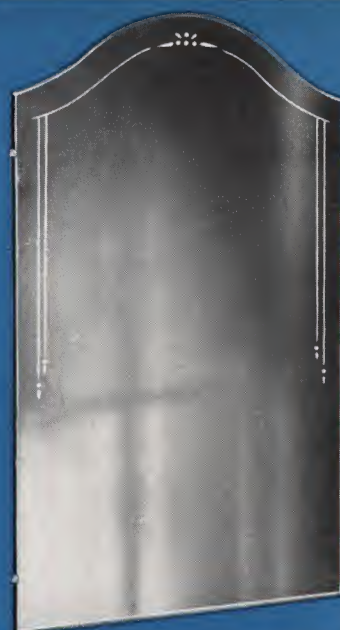
Regular Equipment: Copper-backed mirrors, three adjustable vitrolite shelves, drop for used razor blades, "Crystal Snow" finish, and brass chromium-plated piano hinges.

No. 770—28½x26 inches, overall

No. 780—30½x28 inches, overall

THE few styles of Miami-Carey cabinets illustrated in this catalog are but a small part of the line. We make many other styles suitable for every purpose and purse. Miami-Carey cabinets are used throughout the world in homes, hotels, hospitals, schools, institutions and public buildings—also a number of large ocean-going steamships.

If the styles illustrated herein do not meet your requirements, we will gladly send you a complete catalog upon request—or the nearest distributor of Carey Cabinets can supply you.



No. 750



No. 1622E



Nos. 770 and 780

CABINETS WITH MIRROR FRAMED IN STAINLESS STEEL

GOTHIC TOP MODEL

The two cabinets shown on this page are among the most popular in the whole line. They are moderately priced, yet have those features of construction that have made Miami-Carey cabinets famous not only throughout the United States, but throughout the world.

The stainless steel frames are absolutely non-rusting and may be kept clean and highly polished just by rubbing with a clean dry cloth. No polish is necessary . . . an important consideration when cleaning a framed mirror. Stainless steel matches perfectly with chromium-plated bathroom fixtures.

These models, as well as the square-topped models shown below are particularly recommended for bathrooms with chromium-plated fixtures.

SPECIFICATIONS

	Overall	Mirror	Wall Opening
2000P	14 $\frac{1}{4}$ "x24 $\frac{1}{4}$ "	14"x24"	11 $\frac{1}{2}$ "x15 $\frac{1}{2}$ "
2010P	16 $\frac{1}{4}$ "x26 $\frac{1}{4}$ "	16"x26"	13 $\frac{3}{4}$ "x19 $\frac{3}{4}$ "
2020P	18 $\frac{1}{4}$ "x28 $\frac{1}{4}$ "	18"x28"	15 $\frac{3}{4}$ "x21 $\frac{3}{4}$ "

SQUARE TOP MODEL

These numbers have the same construction features as the Gothic Top model described above.

The mirrors are selected No. 1 plate-glass, COPPER-BACKED, guaranteed for five years against silver spoilage. Cabinet doors are the AIR CUSHION type hung on heavy NICKEL-PLATED hinges. The cabinet body and door back are finished in first class BAKED ENAMEL. All models are equipped with patented USED RAZOR BLADE DROP and three adjustable bulb edge glass shelves. A positive acting bullet plunger of brass locks the door. The shelf supports are the U-type that prevent the shelves from being upset. All models are manufactured of ARMCO heavy gauge auto-body steel, with corners reinforced with steel angles so cabinet will never sag or get out of square.

SPECIFICATIONS

	Overall	Mirror	Wall Opening
2030P	16 $\frac{1}{4}$ "x22 $\frac{1}{4}$ "	16"x22"	13 $\frac{3}{4}$ "x19 $\frac{3}{4}$ "
2040P	18 $\frac{1}{4}$ "x24 $\frac{1}{4}$ "	18"x24"	15 $\frac{3}{4}$ "x21 $\frac{3}{4}$ "
2050P	20 $\frac{1}{4}$ "x28 $\frac{1}{4}$ "	20"x28"	17 $\frac{3}{4}$ "x25 $\frac{3}{4}$ "



Nos. 2000P-2010P-2020P



Nos. 2030P-2040P-2050P



MIAMI CABINETS WITH CHROMIUM-FRAMED MIRRORS

VENETIAN STYLES

To keep pace with the trend in bathroom decoration our craftsmen designed the chrome-framed models shown on this page. They are beautiful models with no knob, hardware or portion of the body visible. The frames are solid brass, and the chrome is applied over nickel.

The finish on the cabinet body and door back is the famous Miami "Crystal Snow", which is noted for its durability. The heavy chromium-plated piano hinges are capable of carrying many times the weight of the door, yet they are neat in appearance and will never break or wear out.

Regular Equipment: Copper-backed mirror; three vitrolite glass shelves; drop for used razor blades. Three sizes as listed below.

SPECIFICATIONS

	1000	1050	1075
Overall	16"x26"	18"x28"	20"x32"
Mirror	16"x26"	18"x28"	20"x32"
Wall Opening....	13 $\frac{3}{4}$ "x19 $\frac{3}{4}$ "	15 $\frac{3}{4}$ "x21 $\frac{3}{4}$ "	17 $\frac{3}{4}$ "x25 $\frac{3}{4}$ "

"STRAIGHT LINE" MODELS

The square-top model illustrated at left, fitted with the chromium light brackets pictured on page 23, is recommended for the home or apartment where straight lines are required.

Regular Equipment: Copper-backed mirror; three adjustable vitrolite shelves; used razor blade drop.

The "Straight Line" model is made in three sizes as listed below.

SPECIFICATIONS

	1100	1150	1175
Overall	16"x22"	18"x24"	20"x28"
Mirror	16"x22"	18"x24"	20"x28"
Wall Opening....	13 $\frac{3}{4}$ "x19 $\frac{3}{4}$ "	15 $\frac{3}{4}$ "x21 $\frac{3}{4}$ "	17 $\frac{3}{4}$ "x25 $\frac{3}{4}$ "
Return Flange....	$\frac{1}{4}$ "	$\frac{1}{4}$ "

HOW TO MAKE YOUR BATHROOM BEAUTIFULLY MODERN

HERE are three entirely new conceptions for the modern bathroom—original, distinctive, different, exclusively Miami-Carey designs.

No. 1—The Pompadour—A combination of a round unframed mirror with recessed shelf below it taking the place of an ordinary cabinet. The steel back of the mirror is fitted for concealed hanging on the wall. The recessed shelf has a chromium-plated frame and is lined with colored mirrors in blue, flesh, gunmetal or green.

Mirror is 26 inches in diameter.

Recessed shelf is $23\frac{3}{8} \times 7\frac{3}{8}$ inches (wall opening).

No. 2—Neptune Bathtub Mirror—A new revolutionary idea for bathrooms—the bathtub mirror.

In most homes the only mirror in the bathroom is the one in the door of the medicine cabinet. This mirror in every instance is so high above the floor that it can only be used for shaving and dressing the hair.

The Neptune mirror provides full length vision. Likewise, and probably most important of all, it dresses up what is usually the coldest room in the home.

The installation of this mirror will cost you no more than if you covered the same wall space with a good quality tile, vitrolite or Carrara glass.

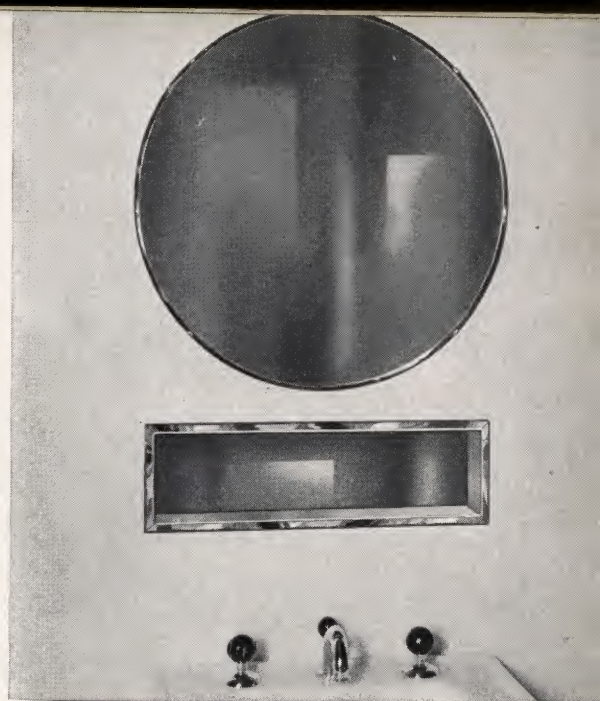
Size— $41\frac{1}{2}$ inches wide; $47\frac{1}{2}$ inches high. Chromium-plated frame.

No. 3—Louis XIV Mirror-Cabinet Ensemble consists of recessed mirror (not a cabinet) with two mirror-door cabinets set into wall at either side of center mirror. The center mirror is equipped with concealed light fixtures.

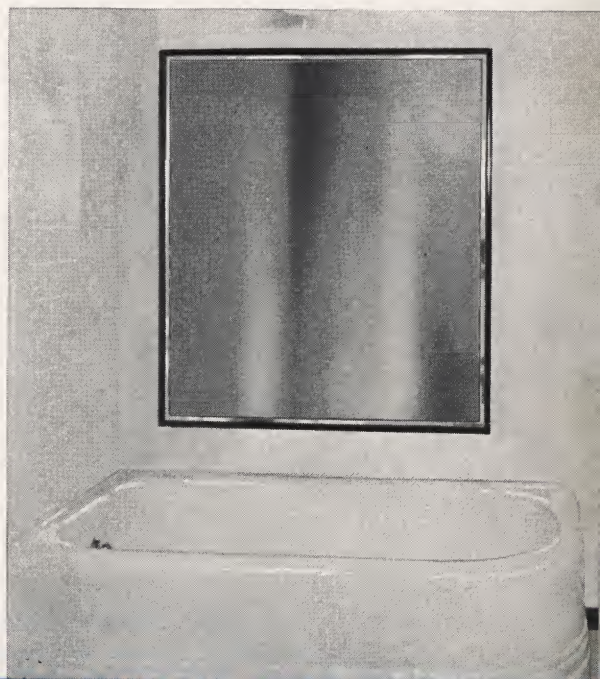
Each cabinet has three shelves and is fitted with frameless mirror door—the mirrors being regular silver, or the new colors, as preferred. Choice of blue, green, gunmetal or rose.

NOTE TO ARCHITECTS

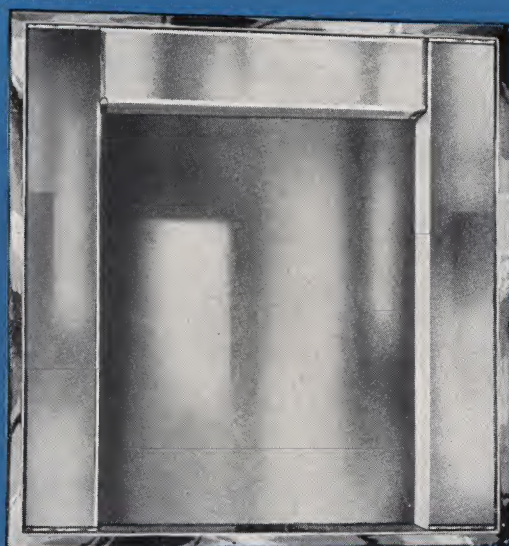
The full line of Miami-Carey Cabinets is shown in 1936 Sweet's Architectural Catalog.



1



2



3

THE PHILIP CAREY COMPANY

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121 Beverly Street
1174 Niagara Street
131 Brevard Court
212 Volunteer State Life Building
2100 Fullerton Avenue
708 Broadway

5906-5916 Euclid Avenue
71 E. State Street
417 Magnolia Building
322 Mutual Home Building
6197 Hamilton Avenue
1111 E. 19th Street
607 Forsyth Street
2008-2010 McGee Street
P. O. Box 1927
4536 District Blvd.
1032-1044 South Eighth Street
272 Walnut Street
943 Lumber Exchange
1120 Nashville Trust Building
422 Audubon Building
Lincoln Building, 60 E. 42nd Street
23rd and Granby Streets
733-735 Keeline Building
24th and Sedgley Avenue
Corliss Station
4485-87 Duncan Avenue
117 East First South
368 Second Street
820 Fairview Place
Chapline at 18th Street

